Lancaster Farming

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4 Directors elected

Lancaster Assn. plans Poultry Day program

BY SALLY BAIR
Staff Correspondent

LANCASTER — Four directors were elected by unanimous ballot at the annual banquet of the Lancaster County Poultry Association held Thursday at the Good and Plenty Restaurant, Smoketown.

Richard Meck, New Holland, currently serving as the board president, was re-elected. He is a salesman for HyCross, Lititz.

Also re-elected were Stanley Musselman, Quarryville, who is treasurer for the Association and Walter Mowrer, R1 Columbia, who has a 102,000-layer operation. Newly elected was Richard Zimmerman, R3 Mount Joy, who is manager of Warren Miller's 260,000-layer operation.

County Extension Agent Jay Irwin gave a consolidated committee report, reviewing various activities throughout the year. He complimented the education committee for a series of three meetings held to imform the membership of current problems, which included topics such as right-to-farm, poultry health, poultry testing, poultry, meat and egg promotion and farm crime and security.

Irwin announced that the committee is planning to organize a Poultry Day, which will feature educational speakers and industry displays.

The promotion committee again provided information to home economics teachers and has developed a slide-tape presentation which is available for use with service clubs and other organizations.

The Association also participated in the recent Farmer's Association week at Park City and

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Directors elected at the annual banquet of the Lancaster County Poultry Association include, from left, Richard Meck, New Holland; Richard Zimmerman, Mount Joy; Stanley Musselman, Quarryville; and Walter Mowrer, Columbia.

Urging delay of 50-cent tax

Gov., Grange send letters to Block

HARRISBURG — One of the hottest topics at this week's State Grange annual session held here at the Scottish Rite Cathedral was the federal 50-cent assessment that is scheduled to tax dairy producers for each hundred pounds of milk they sell beginning Dec. 1, 1982.

On Wednesday, members of the Pennsylvania State Grange voted to oppose the 50-cent assessment because "it will not solve the surplus problem."

One day after Governor Dick Thornburgh fired off a letter to U.S. Secretary of Agriculture John Block, asking for a "substantial delay" in implementation of the program, the State Grange followed suit and sent a letter to Block with copies to Congressman, asking for a similar delay until a "more effective plan can be formulated."

In the Oct. 27 letter, the Grange also suggested that each dairy producer receive a share of the national market at a support price between 75 and 90 percent of parity. "Each producer is free to produce more than his share at a price that will clear the market," they suggested.

Also on Wednesday, the grange sent a telegram to both President Reagan and Secretary Block calling for a reduction in case in imports to the U.S. for food and feed use.

In other dairy issue action, the State Grange members approved resolutions: to oppose the "phase out" of Penn State's colored breed

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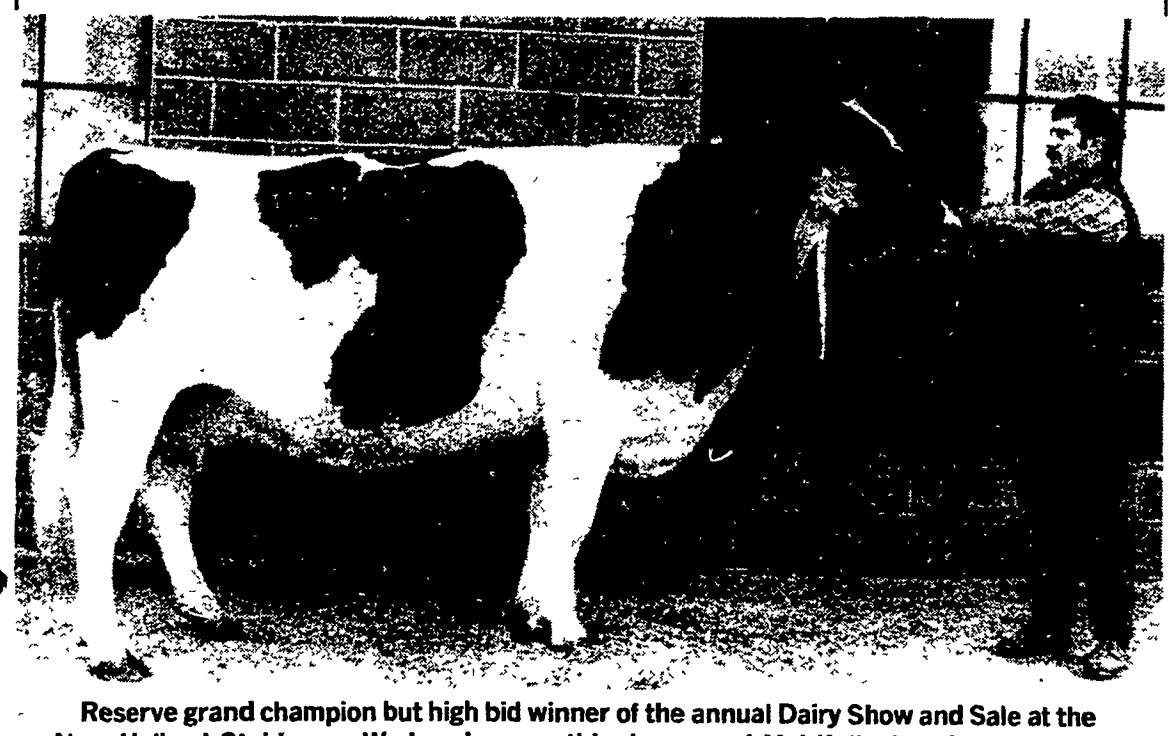
farming in a shadow

Second in a series

Pages D2-3

Reserve champ gets high bid



Reserve grand champion but high bid winner of the annual Dairy Show and Sale at the New Holland Stables on Wednesday was this dry cow of Mel Kolb, Inc. She brought $21,500 and went to J. Mowery Frey, of Fultonway Farms, Willow Street. At halter is Dennis Kolb. See story on page A35.

PMMB examines changes in accounting system

HARRIBURG — In order to comply with a Commonwealth Court judge's directive, the Pennsylvania Milk marketing Board has begun a review of the Board's record-keeping system, PMMB chairman George Brumbaugh said Wednesday.

"As a result of Judge Craig's order, it is necessary for us to completely review our accounting system used to generate information for pricing," explained Brumbaugh.

Craig's ruling, in October 1981, resulted from his reversal of a price increase ordered by PMMB. The commonwealth Court judge overturned PMMB 12-cent per gallon retail price hike in Bucks, Chester and Montgomery Counties.

Last year's unanimous decision, handed down by Craig, capped a 15-month battle spearheaded by consumers and Lily Penn, which operates a chain of convenience markets in surburban Philadelphia.

In his decision, Craig explained the Board's use of unit costs is essential in price determination and that the profit-loss statements of the four dealers who requested the increase did not reflect those costs.

According to Brumbaugh, the PMMB already has contracted a public accounting firm to draft a revision of the current accounting system, which reflects average costs. When completed, the change-over will indicate unit costs on a product by product and container size basis of fluid milk.

Brumbaugh said he expects to see a first draft by mid-November. The PMMB will call for a public hearing, possibly in December, for comments on the proposed changes. Brumbaugh said he is hopeful the changes will take effect by Jan. 1, 1983. Additionally, unit cost information from dealers must be returned by Feb. 25, 1983. —DT

Livestock market and auction news

Lancaster Market

Monday, Oct. 25
Report supplied by USDA

	Cattle	Calves	Hogs	Sheep
Today	999	167	705	174
Last Monday	1047	191	833	206
Last Year	962	108	1431	167
Monday's Auction	749	167	617	182
Last Monday's Auction	1174	193	842	247

CATTLE: Compared to last Wednesday slaughter steers steady, instances 50 lower; slaughter heifers steady; cows steady, instances 50 higher; bullocks steady to weak; bulls 1.00 lower, instances 2.00 lower on yield grade 2. Supply included 53% slaughter steers, 15% heifers, 13% cows, and 19% bulls.

SLAUGHTER STEERS: Mixed Choice and Prime 3-4 1150-1300 lb. 61.75-63.60, few 63.75-64.10; Good and Choice 1-2 1175-1325 lb 61.75-63.25; Choice 2-4 1050-1250 lb. 59.50-61.75; couple lots Choice 2-3 1185-1235 lb. 62.75; high Good and low Choice 2-3 1050-1300 lb. 58.00-60.25; few Good 2-3 55.00-58.00; Good and Choice 1250-1425 lb. Holsteins 54.00-56.75; Standard 1-2 1050-1150 lb. 49.00-51.25.

SLAUGHTER HEIFERS: Choice 2-3 900-1050 lb. 55.00-58.50; few Choice 2 950-1100 lb. 59.00-60.00; Good 2-3 850-1050 lb. 52.00-55.00.

COWS: Utility and Commercial 1-3 41.00-43.50; Commercial 3-4 39.00-41.50; Cutter 1-2 39.25-41.50; couple 41.75-43.25; Canner and low Cutter 36.00-39.00.

BULLOCKS: Choice 1050-1300 lb. 56.00-59.00, couple 61.25-64.75; Good 1000-1250 ln. 51.00-57.00.

BULLS: Yield grade 1 1250-1900 lb. 50.85-54.85, few 55.00-56.35; yield grade 2 1000-1350 lb. 47.00-51.50.

VEAL CALVES: Vealers mostly steady, although high Good and low Choice 80-115 lb. 2.00-3.00 lower. Demand good for Holstein bulls to return to farm.

VEALERS: Prime special fed 270-330 lb. 105.00-115.00; Choice 140-280 lb. 95.00-105.00, few 105.00-115.00; high Good and low Choice 160-280 lb. 75.00-95.00, 120-150 lb. 60.00-75.00, 80-115 lb. 45.00-55.00.

SLAUGHTER CALVES: Good and Choice 180-350 lb. 45.00-60.00.

RETURNED TO FARM: Bulk 95-115 lb. Holstein bulls 70.00-75.00.

SHEEP: Wooled lambs unevenly steady; slaughter ewes weak to 2.00 lower.

WOOLED LAMBS: Choice and Prime 85-110 lb. 58.00-62.00; Choice 70-100 lb. 54.00-57.00; Good 50-80 lb. 48.00-55.00, few 50-60 lb. 60.00-75.00.

SLAUGHTER EWES: Utility and Good 13.00-22.00.

GOATS: All goats sold by the head, mainly 25.00-50.00, few 55.00-60.00.

Vintage Auction

Tuesday, Oct. 26
Report supplied by USDA

	Cattle	Calves	Sheep	Goats
Today	1038	906	32	11
Last Tuesday	913	789	31	2
Last Year	1023	915	37	

CATTLE: Compared to last Tuesday slaughter steers 1.00-2.00 lower; slaughter heifers steady to 1.00 lower; cows 1.00-2.00 lower; bullocks not fully tested; bulls steady. Supply included 51 percent slaughter steers, 8 percent slaughter heifers, 38 percent cows, and 3 percent bulls.

SLAUGHTER STEERS: Mixed Choice and Prime 3-4 1175-1350 lb. 61.85-62.75; Good and Choice 1-2 1100-1450 lb. 61.50-63.25, eight head 63.50-64.85; Choice 2-4 1050-1425 lb. 59.00-61.50, few 61.50-62.25; high Good and low Choice 2-3 57.00-59.25; Good 2-3 54.50-57.00; Good and Choice 1150-1400 lb. Holsteins 52.00-54.00; Standard 1-2 46.00-51.50.

SLAUGHTER HEIFERS: Choice 2-3 865-1100 lb. 53.50-57.85, few yield grade 2 59.00-60.85; Good 2-3 850-1050 lb. 51.00-53.75.

COWS: Utility and Commercial 1-3 39.50-41.75, few 42.00-43.00; Cutter 1-2 38.00-40.50, few 40.50-41.50; Canner and low Cutter 35.00-38.25, few 33.50-35.00.

BULLS: Yield grade 1 1350-1915 lb., couple 1980-2080 lb. 51.00-55.00, individual 1730 lb. 57.50; yield grade 2 950-1300 lb. 45.00-52.00.

VEAL CALVES: Vealers mostly steady, although Choice not fully tested. Supply included 627 in graded sale of which 68 percent sold to return to farm.

VEALERS: Couple Choice 160-250 lb. 91.00-98.00; high Good and low Choice 140-250 lb. 60.00-80.00, 115-140 lb. 60.00-68.00, 80-115 lb. 47.00-58.50, 60-80 lb. 35.00-50.00.

RETURN TO FARM: 49 head 100-115 lb. Holstein heifers 109.00-112.00; 27 head 90-95 90.00-100.00; and 32 head 80-105 lb. small frame 57.50-63.00. 24 head 120-125 lb. Holstein bulls 70.00; 165 head 100-115 lb. 74.50-81.00; 50 head 90-95 lb. 69.00-70.50; and 79 head small frame 100-125 lb. 60.50-69.00.

SHEEP: Insufficient volume for a market test; few Good and Choice 65-90 lb. wooled lambs 47.00-61.00.

GOATS: All goats sold by the head, mainly 18.00-27.00, four head 36.00-44.00.

Lancaster Auction

Wednesday, Oct. 27
Report supplied by USDA

	Cattle	Calves	Hogs	Sheep
Today	594	37	882	5
Last Wednesday	1028	56	817	14
Last Year	769	20	1154	21
Wednesday's Auction	275	37	894	0
Last Wednesday's Auction	278	40	796	14

CATTLE: Compared to Monday small supply slaughter steers and heifers mostly steady; cows 1.00-2.00 lower; bulls steady to weak. Supply included 55 percent slaughter steers.

SLAUGHTER STEERS: One lot mixed Choice and Prime 3-4 1190-1435 lb. 62.50-64.50; Choice 2-4 1050-1350 lb. 60.00-62.25, few lots 975-1050 lb. 59.00-60.50; high Good and low Choice 2-3 1150-1450 lb. 57.00-60.00; Standard 1-2 1050-1400 lb. Holsteins 47.00-51.75, few head Choice 52.25-54.35.

SLAUGHTER HEIFERS: Choice 2-3 935-1120 lb. 55.00-58.50, couple yield grade 2 60.00; Good 2-3 800-950 lbs. 49.00-53.75.

COWS: Utility and Commercial 1-3 39.50-40.00, couple 42.25-44.25; Commercial 3-4 37.50-38.50; Cutter 1-2 36.75-39.50; Canner and low Cutter 34.00-36.50.

BULLS: Yield grade 1 1300-1800 lb. 50.75-54.00; yield grade 2 900-1300 lb. 47.00-51.00, few 45.50-47.00.

VEAL CALVES: Insufficient volume to fully test trends; few sales high Good and low Choice 80-115 lb. steady.

VEALERS: High Good and low Choice 80-115 lb. 45.00-55.00.

RETURNED TO FARM: Few 90-115 lb. Holstein bulls 56.00-75.00.

SHEEP: None.

New Holland Livestock

Thursday, Oct. 28
Report supplied by USDA

CATTLE: 1116. Compared to last Thursday slaughter steers .50 lower, instances 1.00 lower; slaughter heifers steady to weak; cows 1.00-3.00 lower; bullocks fully steady; bulls .50-1.00 lower, instances 2.00 lower on yield grade 2. Supply included 53 percent slaughter steers and 31 percent cows.

SLAUGHTER STEERS: High Choice and Prime 3-4 1175-1425 lbs. 62.50-64.00, couple lots 1100-1150 lb. 61.50-62.50; Good and Choice 1-2 1175-1500 lbs. 62.50-63.85; Choice 2-4 1050-1400 lbs. 59.25-62.75, mainly 60.00-62.00, few lots Choice 2-3 975-1030 lbs. 58.10-59.50; high Good and low Choice 2-3 1000-1350 lbs. 57.00-59.50; Good 2-3 55.00-57.00; Good and Choice 1200-1550 lbs. Holsteins 51.75-55.85; Standard 1-2 47.50-51.50.

SLAUGHTER HEIFERS: Couple lots Choice and Prime 3-4 1000-1075 lbs. 59.85-60.25; Choice 2-3 900-1050 lbs. 54.00-57.00; few Good 850-1000 lbs. 51.00-54.00.

COWS: Utility and Commercial 1-3 39.25-40.60, few 41.00-43.25; Commercial 3-4 37.50-40.00; Cutter 1-2 36.75-39.75, few 40.00-41.00; Canner and low Cutter 35.00-37.75.

BULLOCKS: Choice 1000-1300 lbs. 56.00-59.00, couple 60.00-62.25; Good 1000-1250 lbs. 51.00-55.00.

BULLS: Yield grade 1 1300-2100 lb. 50.50-53.00, few 53.00-53.85; yield grade 2 1000-1350 lbs. 47.00-51.00, few 46.00-47.00.

VEAL CALVES: 582. Vealers fully steady, with Choice and Prime 3.00-5.00 higher. Demand good for Holstein bulls to return to farm.

VEALERS: Choice 160-230 lbs. 100.00-113.00, few Choice and Prime 114.00-118.00; Choice 240-300 lbs. 83.00-100.00; high Good and low Choice 160-250 lb. 68.00-85.00, 120-160 lbs. 56.00-70.00, 80-115 lb. 48.00-52.00, several 65-80 lbs. 40.00-48.00.

RETURNED TO FARM: Bulk, 90-115 lb. Holstein bulls 70.00-82.00, few 82.00-86.00; several 75-90 lbs. 55.00-70.00.

SHEEP: 52. Wooled lambs steady, slaughter ewes 1.00-3.00 lower.

WOOLED LAMBS: Choice 70-100 lbs. 56.00-62.00; Good 55-75 lbs. 43.00-52.00.

SLAUGHTER EWES: Utility and Good 13.00-19.00, couple 20.00-25.00.

GOATS: 10. All goats sold by the head, four head 41.00-49.00, balance 23.00-35.00.

Lancaster Co. Weekly

Friday, oct. 29

	Cattle	Calves
This Week	5300	1700
Last Week	5197	1588
Last Year	4555	1622

CATTLE: Slaughter steers .50-1.00 lower, instances 1.50 lower; slaughter heifers steady to weak; cows 1.00-2.00 lower; bullocks steady to weak; bulls weak to 1.00 lower, instances 2.00 lower on Yield Grade 2. Supply included 32

(Turn to Page A14)

HAY, STRAW & CORN
— SALE —
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GREEN DRAGON MARKET & AUCTION
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1 mile North of Ephrata on N. State St.
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1 mile East of Fredericksburg along Route 22
PHONE: JONESTOWN 865-2881
Sale every Tuesday at 1:30 P.M. starting with feeder cattle and pigs
Also Hay Sale every Tuesday at 12:30.

Open 24 hours a day
365 days a year
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AUCTIONS
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10:00 A.M. — Slaughter Bulls, Heifers, Steers, Cows
11:00 A.M. — Veal Calves, Lambs, Hogs
TUESDAY
10:00 A.M. — Slaughter Hogs
1:00 P.M. — Feeder Pigs
FRIDAY
11:00 A.M. — Stocker and Feeder Cattle
SATURDAY
9:30 A.M. - Slaughter Hogs
GRADED FEEDER CATTLE SALE
THURSDAY, NOV. 4 - 11 A.M.
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OVER 900 HEAD
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Sale Every Wednesday & Saturday
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make the difference in auctions!
MONDAY'S AUCTION
8:00 A.M. - Fat Hogs
10:00 A.M. - Horse Sale
11:00 A.M. - Hay, Straw & Ear Corn
1:30 P.M. - Fat Steers, Bulls, Cows & Veal
WEDNESDAY'S AUCTION
12:00 Noon - Dairy sale
1:30 P.M. - Feeder Pig Sale
THURSDAY'S AUCTION
11:00 A.M. - Beef Sale
Order of Sale, Bulls, Fat Steers, Cows, Veal
3:30 P.M. - Calf Sale
NEW HOLLAND SALES STABLES INC.
New Holland, PA
Abram W. Diffenbach, Manager
Phone 717-354-4341

Hog Markets

Lancaster Feeder Pigs

Tuesday, Oct. 26
Report supplied by USDA

Today	1091
Last Tuesday	974
Last Year	1072

TREND: Compared to last Tuesday feeder pigs very uneven, mainly 5.00-10.00 lower with some sales US 2-3 20.00 lower, although 210 head US 1-2 50-55 lb. reputation pigs fully steady. All pigs weighed on arrival and sold by the hundred weight.

US 1-2: 99 head 26-39 lbs. 118.00-132.00; 230 head 40-49 lbs. 115.00-137.50; 210 head 50-55 lbs. 125.00-136.00; 188 head 50-59 lbs. 106.00-118.00; 76 head 60-66 lbs. 105.00-110.00; 13 head 75-88 lbs. 81.00-85.00.

US 2-3: 58 head 25-39 lbs. 118.00-132.00; 40 head 35-39 lbs. 105.00-110.50; 36 head 40-49 lbs. 105.00-118.00; 26 head 50-52 lbs. 100.00-110.00; 19 head 60-69 lbs. 88.00-94.50.

New Holland Feeder Pigs

Wednesday, Oct. 27
Report supplied by USDA

Today	884
Last Wednesday	781
Last Year	971

TREND: Compared to last Wednesday feeder pigs 10.00-20.00 lower, instances 30.00 lower on US 1-2 30-60 lb. All pigs weighed on arrival and sold by the hundredweight.

US 1-2: 36 head 24-25 lb. 140.00-146.00; 149 head 30-39 lbs. 117.00-136.00; 63 head 40-49 lbs. 104.00-112.00; 184 head 50-59 lbs. 98.00-112.00; 44 head 60-69 lbs. 78.00-94.00; 25 head 76-86 lbs. 70.00-82.00.

US 2-3: 35 head 26 lbs. 132.00; 60 head 31-39 lbs. 104.00-122.00; 103 head 40-49 lbs. 96.00-100.00; 45 head 51-57 lbs. 80.00-83.00; 8 head 96 lbs. 59.00.

Vintage Hogs

Vintage Sales Stables
Saturday, Oct. 23
Report supplied by auction

U.S. 1 & 2 205-235 lbs. 58.00-59.50; U.S. 2 & 3 200-245 lbs. 57.00-58.00; Sows 300-500 lbs. 49.00-53.25; Boars 300-500 lbs. 47.00-52.50.

Wednesday, Oct. 27

U.S. 1 & 2 205-235 lbs. 57.50-58.50; U.S. 2 & 3 200-245 lbs. 56.50-57.50; Sows 300-500 lbs. 48.00-51.75; Boars 300-500 lbs. 47.00-49.75.

New Holland Hogs

Monday, Oct. 25
Report supplied by USDA

Today	1588
Last Monday	1266
Last Year	1565

TREND: Compared to last Monday barrows and gilts 75-1.25 lower, mostly 1.00-1.25 lower.

BARROWS AND GILTS: US 1-2 210-250 lb. 56.50-57.00, few 57.00-57.25. US 1 205-245 lb. 58.00-59.00. US 1-3 210-255 lb. 56.25-56.50. US 1-2 One lot 205 lb. 55.75.

Indianapolis Hogs

Thursday, Oct. 28
Report supplied by USDA

1100 - Barrows & gilts moderately active, few early sales 50-75 lower. US 1-2 200-255 lb. 54.75-55.00.

SOWS: Not well tested. (1%) US 1-3 Few 500-600 lb. 54.00-55.50.

BOARS: Not well tested early.

St. Louis Hogs

Thursday, Oct. 28
Report supplied by USDA

3000 - Barrows & gilts fairly active, 1.00-1.25 lower. US 1-2 200-250 lb. 54.50-55.00, 75 head about 225 lb. 55.25. US 1-3 220-250 lb. 54.00-54.50; 250-270 lb. 53.50-54.00.

SOWS: Steady-1.00 lower, with decline on weights under 500 lb. (About 12%) US 1-3 300-500 lb. 49.00-50.00; 500-600 lb. 54.00-56.00.

BOARS: Over 260 lb. 48.00; 200-260 lb. 48.50.

Lancaster Hogs

Monday, Oct. 25
Report supplied by USDA

HOGS: Barrows and gilts steady to 50 lower; sows 2.00-2.50 lower.

BARROWS AND GILTS: US 1-2 210-250 lb. 56.75-57.25, few 57.25-57.60. US 1 205-245 lb. 57.75-58.50. US 1-3 200-270 lb. 56.00-56.50. US 1-2 Couple lots 175-200 lb. 53.00-54.75. US 2-3 One lot 287 lb. 53.35.

SOWS: US 1-3 350-650 lb. 52.00-52.50, few 52.50-53.50.

Tuesday, Oct. 26

Today	389
Last Tuesday	383
Last Year	369

TREND: Compared to Monday barrows and gilts 1.00-1.50 higher.

BARROWS AND GILTS: US 1-2 205-245 lb. 58.00-58.60. US 1 205-250 lb. 58.75-59.25. US 1-3 200-265 lb. 57.50-58.00.

Wednesday, Oct. 27

HOGS: Compared to Tuesday barrows and gilts .50-1.00 lower.

BARROWS AND GILTS: US 1-2 205-245 lb. 57.25-57.85. US 1 205-250 lb. 58.35-58.75. US 1-3 200-260 lb. 56.25-57.35. US 2-3 Few 260-275 lb. 54.00-55.75.

Lancaster Hogs

Lancaster Stockyards
Saturday, Oct. 23
Report supplied by auction

1070 head.

US 1 215-240 lbs. 58.00-59.75; few 60.00-61.50; U.S. 1 & 2 215-245 lbs. 56.85-57.75; U.S. 2 & 3 215-255 lbs. 56.25-56.75; Heavyweights 260-273 lbs. 55.35-56.75; Sows 350 lbs. and up 50.75-52.00; Boars 200-300 lbs. 50.00-51.75; 300 lbs. and up 45.00-46.50.

Westminster Feeder Pigs

Friday, Oct. 22
Report supplied by auction

823 Pigs: Compared to last month, prices were fully $8.00 to $15.00 per hundred higher. All pigs weighed on arrival and sold by the pound.

#1 & 2: 182 head 30-38 lbs. 116.00-132.00; 224 head 40-49 lbs. 104.00-129.00; 224 head 50-59 lbs. 102.00-119.00; 99 head 60-68 lbs. 95.00-106.00; 16 head 70-76 lbs. 86.00-92.00.

US #2: 47 head 27-35 lbs. 103.00-108.00.

US #1 & 2 (Early) 21 head (small lots) 28-47 lbs. 75.00-101.00.

Peoria Hogs

Thursday, Oct. 28
Report supplied by USDA

2500 - Barrows & gilts moderate 50 lower. US 1-2 200-240 lb. 54.00-54.75, 65 head 55.00. US 1-3 200-250 lb. 53.50-54.00.

SOWS: Under 500 lb. steady, instances 50 higher; over 500 lb. steady-1.00 lower. (12%) US 1-3 350-450 lb. 50.00-50.50; 450-500 lb. 52.50-53.50; Over 500 lb. 54.00.

BOARS: Over 350 lb. 46.50-47.00; Under 350 lb. 45.00-57.00.

U.S. Inspected Livestock Slaughter

Thursday, Oct. 28
Report supplied by USDA **Estimated Daily Livestock Slaughter Under Federal Inspection**

	CATTLE	CALVES	HOGS	SHEEP
This Week	524,000	44,000	1,223,000	102,000
Last Week	532,000	47,000	1,234,000	102,000
Last Year	513,000	45,000	1,387,000	97,000

Market courtesy of USDA.

Chicago Grain Futures

(Closing Bids as of Thursday, Oct. 28)

	Corn	Wheat	Soybeans	Soybean Meal
Nov.			5.38¾	
Dec.	2.17½	3.13¾		163.70
Jan.			5.52	
Mar.	2.30	3.28¾	5.63¾	166.80
May	2.38¾	3.34¼		168.30

Trend - Corn is higher, Wheat is higher, Soybeans are higher, Soybean Meal is higher.

Market Provided by Commodity Department
Dean Witter Reynolds, Inc.

Futures Trading

(Closing Bids as of Thursday, Oct. 28)

	Chicago Cattle	Chicago Hogs	New York Maine Potatoes
Nov.			5.43
Dec.	59.82	54.12	
Feb.	58.25	54.60	
Apr.	58.45	51.60	

Trend - Cattle are lower, Hogs are higher. Potatoes are steady.

Market Provided by Commodity Department Dean Witter Reynolds, Inc.

J.M. HOOBER Inc.
LANCASTER STOCKYARDS

Your Livestock Broker Since 1895

- Up-to-date market information.
- Commission Agents for slaughter cattle, fat hogs, calves, lambs, feeder pigs.
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Consign your livestock to J.M. Hoober, Inc., and receive personal care & service.

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Hog Dept. 626-8653

You Have A Choice

If you miss Monday, there is always Wednesday

Today, as in the past, Walter M. Dunlap and Sons offers all cattle feeders the choice of what day to market their fat cattle.

Either Monday or Wednesday, we will advise you to the best of our ability what day that week we think is most advantageous to you.

So, Monday or Wednesday, you have a choice. Give us a call for market conditions and honest advice.

NEXT FEEDER PIG SALE
Tuesday, November 2 at 1 P.M.

Walter M. Dunlap and Sons
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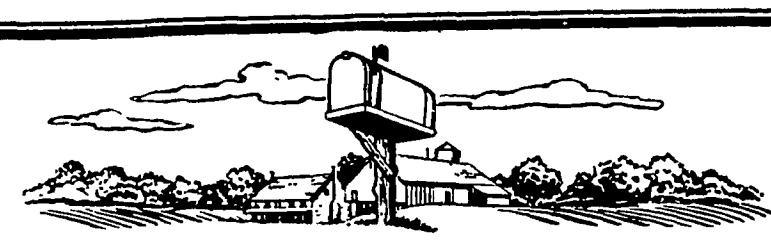

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Poultry Markets

Nest Run Eggs

Prices are from Egg Clearinghouse, Inc., (ECI) Durham, N.H. and reflect trading prices for gradable nest run eggs (GNR) on ECI, a nationwide trading center for producers, packers and marketers. GNR eggs are classified by weight in 30-dozen cases, and traded in lots of either 300 or 750 cases. Prices are FOB buyers dock, and are computed Tuesday and Thursday of each week. This week's prices for each classification were:

Classification	Net Weight Per Case	Oct. 26 Tuesday	Oct. 28 Thursday
Class 1 - Large	48 lbs.	54	53½
Class 2 - Large	45 lbs.	51	49
Class 3 - Medium	42 lbs.	47	47
Class 4 - Small	39 lbs.	37	37
Breaking Stock	48 lbs.	46	43
Checks	48 lbs.	41	38½

N. E. Weekly Shell Egg Report

Tuesday, Oct. 26
Report supplied by USDA

Prices paid per dozen Grade "A" Brown eggs in cartons delivered to retail stores:

	Ex. Large	Large	Medium	Small
MASS.X	93-1.00	89-96	76-79	50-56
Mostly	95-98	91-94	77-78	52-54
N. HAMP.	88-94	84-90	72-78	45-51
Mostly	90-93	86-89	74-77	47-50
R.I.	96-97	92-93	80-81	53-54
VERMONT	95-1.02	91-99	79-88	–
Mostly	97-98	93-94	80-82	–
MAINE	95-96	91-92	79-80	51-53

X Includes Central and Western Sections only.

New York Multiple Drop Broiler Report

Thursday, Oct. 28
Report supplied by USDA

Current broiler/fryer negotiated prices for immediate delivery includes mostly multiple-drop shipments to New York City from Delmarva.

RANGE: U.S. Grade A 42-48; 2,165 boxes; Branded U.S. Grade A 46½-50.

WTD. AVG.: U.S. Grade A. 44.71, 8,523 boxes; Branded U.S. Grade A 49.50.

Eastern Pa. & N.J. Poultry

Wednesday, Oct. 27
Report supplied by USDA

Market Comment: Prices continue to advance and remain firm for next week. Current offerings adequate for most plant needs. Canner pack movement mostly satisfactory. Heavy hens continue to advance with advanced buying interest.

Light Type Hens: 9-11, mostly 10, prices paid at farm.

F.O.B. plant: 11½-13½, mostly 12½.

Heavy Type Hens: TFTR.

Heinsey's Poultry Market

Root's, East Petersburg
Tuesday, Oct. 26
Report supplied by auction

MUSCOVY DUCKS, DRAKES: range .82-1.08 per lb.

MUSCOVY DUCKS, HENS: range .65-.82 per lb.

PEKIN DUCKS: range .40-.62 per lb.

PULLETS: 6-8 lbs. range .36-.46 per lb.

RED FOWL: 4-5 lbs. range .10-.18 per lb.

RED FOWL: 5-6 lbs. range .20-.28 per lb.

CROSSBRED FOWL: 6-9 lbs. range .20-.36 per lb.

CROSSBRED ROOSTERS: 4-6 lbs. range .40-.62 per lb.

CROSSBRED ROOSTERS: 7-12 lbs. range .20-.48 per lb.

GUINEA FOWL: range 1.35-1.60 per lb.

BANTY ROOSTERS: range 1.25-3.00 ea.

BANTY HENS: range .25-1.10 ea.

LEGHORN ROOSTERS: range .20-.32 per lb.

LEGHORN HENS: range .08-.15 lb.

GEESE: 7-13 lbs. range .32-.74 per lb.

TURKEYS: 12-19 lbs. range .32-.38 per lb.

PIGEONS: range .55-.95 ea.

WHITE PIGEONS: range 1.00-1.75 ea.

RABBITS: 4-6 lbs. range .30-.68 per lb.

RABBITS: 7-11 lbs. range .12-.46 per lb.

GUINEA PIGS: range .25-.75 ea.

GOATS: range 16.00-41.00 ea.

KID GOATS: range 23.00-35.00 ea.

TOTAL AMOUNT COOPS: 874.

Weekly New York Egg Market

From Friday, Oct. 22 to Oct. 29

	Fri.	Mon.	Tues.	Wed.	Thurs.
WHITE					
Jumbo	83	83	83	83	83
Ex Large	75	75	75	75	75
Large	71	71	71	71	71
Mediums	63	69	63	63	63
Pullets	48	48	48	48	48
BROWN					
Jumbo	–	–	–	–	–
Ex Large	94	94	94	94	94
Large	89	89	89	89	89
Mediums	69	69	69	69	69
Pullets					
Peewees	Unquoted				
Off Grade					
Large	63	63	63	63	63
Checks	38	38	38	37	37

Breaking Stock: Friday - Monday 13.50 - 14.40; Tuesday 13.50-14.10; Wednesday & Thursday - 12.90 - 13.50.

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Philadelphia Eggs

Thursday, Oct. 28
Report supplied by USDA

MARKET COMMENT: Cartoned egg movement remains spotty with most dealers noting regular business is light to fair with retail promotion needed to get better than fair market. Floor stocks fully adequate with mediums in longest position. Offerings of additional stock ample on both graded and ungraded. Much product is discounted with spots of increased inquiry noted. Undertone barely steady. Most trades expect forward buying to move into steady position.

Prices to retailers: Sales to volume buyers, consumer grades white eggs in cartons delivered store door:

A Extra Large 69-75; A Large 68-70; A Medium 59-61.

Delmarva Poultry

Thursday, Oct. 28
Report supplied by USDA

MARKET COMMENT: RTC movement no better than fair with most plants not clearing as well as expected. Parts movement is light with some discounting needed to clear inventories. Slaughter schedules moderately heavy. Live supplies fully adequate to ample.

Today's LT.L. asking prices lower on U.S. Grade A at 44-48 cents, however most active selling involves negotiations at 42-45 cent level.

Estimated slaughter of broiler fryers in Delmarva (000).

Estimated 10/28 1,871; Actual 10/21 1,929; Actual 10/26 1,870; Average Weights 10/26 4.31; 10/19 4.30.

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11:30 a.m. **Tim Horn,** Ruminant Nutritionist
Feeding For High Yields

Buffet Luncheon served at Noon

1:00 p.m. **Glenn Shirk,** Agricultural Extension Agent
Contaminated Water Supply

1:30 p.m. **Lester Volker,** D.V.M.
Dairy Vaccination Program

2:00 p.m. **Don Mahlandt,** Dairy Feed Sales Manager
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Quality - Performance - Service

Livestock market and auction news

Hay Markets

Frederick Co. Hay

Thursday, Oct. 28

15 loads. 3 loads of alfalfa 132-152. One load of good timothy, 116. One load of timothy stemms 67. One load of Timothy dark, 64. One load of mixed grass 41. One load of good clover mixed 110. One load of clover stubble 52. Two loads of ear corn 60-61. One load of corn fodder, baled 39. Two loads of firewood 59-76 per cord.

Regional Hay

Friday, Oct. 22
Report supplied by PDA

(All hay No. 2 and better, prices paid by the dealers at the farm and per ton.)

Hay & Straw fully steady.

Alfalfa 95.00-125.00; Mixed hay 80.00-90.00; Timothy hay 70.00-90.00; Straw 45.00-50.00, few 60.00; Mulch 25.00-40.00.

Green Dragon Hay

Ephrata, Pa.
Friday, Oct. 22
Report supplied by PDA

46 loads hay and 18 loads straw.

Alfalfa 97.00-136.00, one load 152.00; Mixed hay 71.00-111.00; Timothy hay 86.00-109.00, one load 74.00; Stubble hay, one load 66.00; Straw 61.00-90.00, mostly 69.00-83.00; Ear Corn, 18 loads 70.00-88.00, few down to 44.00; Corn Fodder, one load at 25.00.

Belleville Hay

Belleville, Pa.
Wednesday, Oct. 20
Report supplied by PDA

8 loads hay and 1 load straw.

Alfalfa 83.00-100.00; Mixed hay 61.00-90.00; Timothy hay, one load 66.00; Straw 55.00.

Leinbach's Hay

Shippensburg, Pa.
Tuesday, Oct. 26
Report supplied by auction

11 loads.

Alfalfa, one, 106.00; Stubble Hay 86.00-90.00; Clover one 117.00; Mixed 77.00-111.00; Timothy one 95.00; Straw one 72.50; Ear Corn one 76.00.

Kiester's Hay

Middleburg, Pa.
Tuesday, Oct. 26
Report supplied by auction

17 loads hay: Timothy 64.00-76.00; Mixed 81.00-109.00; Alfalfa 110.00-155.00; Mulch 30.00-39.00.

3 loads Straw: 54.00-63.00.

Pa. Grain

Monday, Oct. 25
Report supplied by PDA

Compared with last Monday's market for Southeastern, Central and South Central Pa.: Corn & White steady to 10 cents lower. Barley, Oats, Old Ear Corn & New Ear Corn steady to weak.

Prices paid delivered to dealers dock - (All prices per bushel, except Ear Corn per ton.)

Southeastern Pa.

Corn No. 2-y range 2.09-2.35, average 2.23; Wheat No. 2 range 2.90-3.16, average 3.02, New Crop 3.08-3.16; Barley No. 3 range 1.70-1.95, average 1.85; Oats No. 2 range 1.50-1.80, average 1.65; Soybeans No. 1 4.73-4.95, average 4.85; Grain Sorghum No. 1 range 1.67, average 1.67; Buckwheat range 9.80, average 9.80; New Ear Corn range 40.00-55.00, average 47.84; Old Ear Corn range 58.00-70.00, average 63.35.

Central Pa.

Corn No. 2-y range 2.15-2.35, average 2.23; Wheat No. 2 range 2.80-3.10, average 2.95; Barley No. 3 range 1.60-1.80, average 1.73; Oats No. 2 range 1.40-1.50, average 1.46; Soybeans No. 1 range 4.50-4.75, average 4.63; Buckwheat range 10.00, average 10.00; New Ear Corn range 37.00-50.00, average 44.17; Old Ear Corn range 55.00-65.00, average 61.18.

South Central Pa.

Corn No. 2-y range 2.00-2.25, average 2.18; Wheat No. 2 range 2.85-2.95, few reported 3.20, average 2.95; Barley No. 3 range 1.70-1.80, average 1.76; Oats No. 2 range 1.50-1.80, average 1.63; New Ear Corn range 37.00-55.00, average 44.38; Old Ear Corn range 53.00-70.00, average 61.50.

Southeastern Central & South Central Summary

Corn No. 2-y range 2.09-2.35, average 2.22; Wheat No. 2 range 2.85-3.16, average 2.98; Barley No. 3 range 1.65-1.95, average 1.78; Oats No. 2 range 1.40-1.80, average 1.55; New Ear Corn range 37.00-55.00, average 45.85; Old Ear Corn range 55.00-70.00; average 62.02.

Western Pa.

Corn No. 2-y range 2.25-2.45, few reported 2.02, average 2.33; Wheat No. 2 range 2.80-2.90, average 2.86; Barley No. 3 range 1.85, average 1.85; Oats No. 2 range 1.50-1.70, few reported 1.30, average 1.53; Buckwheat range 9.00, average 9.00; Old Ear Corn range 65.00-66.00, average 65.50.

Morrison Cove Livestock

Martinsburg, Pa.
Monday, Oct. 25
Report supplied by Auction

CATTLE 265: High Choice & Prime slaughter steers 60.00-60.75, Choice 59.25-60.50, Good 57.25-59.25, Standard 54.25-57.25, Utility 44.50-51.50. Choice slaughter heifers 56.50-58.00, Good 55.25-57.50, Standard 50.25-54.50, Utility 40.50-48.75. Utility & Commercial slaughter cows 42.50-44.50, Commercial 40.25-42.50, Cutters 36.50-40.25, Canner & Low Cutter 32.50-39.50, Shells down to 25.00. Choice slaughter bullocks 51.10-54.35. Yield grade #1 slaughter bulls 49.00-51.50; yield grade #2 46.75-48.60. Choice feeder steers 56.50-58.50, Good 54.50-55.50, Medium 48.50-53.50; Good feeder heifers 50.25-58.25, Medium 42.50-50.50; Good feeder bulls 50.50-52.50, Medium 42.50-48.50.

CALVES 324: Prime vealers 92.50-95.00, Choice 82.50-92.50, Good 72.50-80.50, Standard & Good 110-130 lbs. 65.50-75.50, 90-110 lbs. 52.50-60.50, 70-90 lbs. 40.50-52.50, Utility at 35.00. Farm calves, holstein bulls 90-130 lbs. 65.00-87.50; holstein heifers 90-130 lbs. 82.50-106.00.

HOGS 256: US No. 1-2 200-240 lbs. barrows & gilts 57.50-58.10, No. 1-3 200-250 lbs. 56.50-57.50, No. 2-3 200-260 lbs. 55.25-56.50, No. 2-3 250-300 lbs. 52.50-54.50. US No. 1-3 450-600 lbs. sows 53.75-55.50, No. 2-3 350-450 lbs. 52.50-53.75. Boars 42.50-43.50, light weights 43.50-48.50.

FEEDER PIGS 55: US No. 1-3 20-40 lbs. feeder pigs 22.50-30.50 per head No. 1-3 40-60 lbs. 30.50-50.40 per head.

SHEEP 8: Choice 90-120 lbs. wooled slaughter lambs 45.00-50.25.

GOATS 6: 15.00-26.00 per head.

Middleburg Auction

Middleburg, Pa.
Tuesday, Oct. 26
Report supplied by PDA

CATTLE 345: Compared with last Tuesday's market, slaughter steers mostly 1.00-2.00 lower. Slaughter cows mostly .50-1.50 lower. Choice 1000-1350 lbs. No. 2-4 slaughter steers 57.00-61.85, Good 54.75-54.50, Standard 50.00-54.50, few Utility 44.50-47.50. Choice slaughter heifers 55.00-59.00, few Good 47.50-54.50. Utility & Commercial slaughter cows 38.00-41.85, couple to 43.25, Cutters 37.00-39.50, Canner & Low Cutter 33.50-37.00, Shells down to 25.00. Few Good slaughter bullocks 53.75-55.25. Yield grade #1 1000-1565 lbs. slaughter bulls 48.00-52.00. Medium Frame #1 350-600 lbs. feeder heifers 39.50-43.50, few to 48.00.

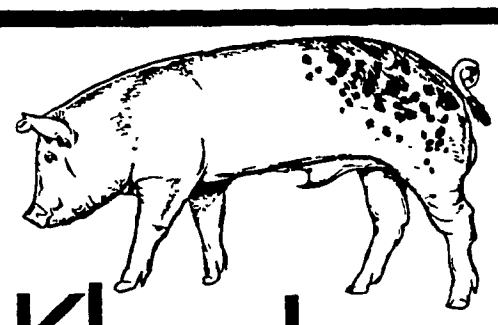
CALVES 155: One Prime vealer at 110.00, few Choice 86.00-91.00, few Good 65.00-85.00, Standard & Good 70-100 lbs. 46.00-52.00, Utility 50-90 lbs. 32.00-45.00. Farm calves, holstein bulls 90-125 lbs. 55.00-99.00; few holstein heifers 80-130 lbs. 70.00-98.00.

HOGS 429: (Monday, October 25, 1982). Barrows & gilts steady to .25 higher. US No. 1-2 210-235 lbs. barrows & gilts 57.50-58.86, few to 59.10, No. 1-3 190-250 lbs. 56.50-57.50, No. 2-3 200-270 lbs. 54.00-56.50. US No. 1-3 370-715 lb.s sows 50.00-54.25, few to 56.00, No. 2-3 450-600 lbs. 48.00-50.00. Boars 45.00-46.75. (Tuesday 76 Head).

FEEDER PIGS 391: US No. 1-3 15-20 lbs. feeder pigs 17.50-28.00 per head, No. 1-3 20-35 lbs. 25.00-45.00, No. 1-3 35-55 lbs. 38.00-59.50 per head.

SHEEP 3: One Choice 135 lbs. wooled slaughter lamb at 56.00.

GOATS 21: 12.00-40.00, couple to 57.00 per head.



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Livestock market and auction news

Lebanon Valley Livestock

Fredericksburg, PA
Tues., Oct. 26
Report supplied by PDA

CATTLE 250: Compared with last Tuesday's market, slaughter cows steady to $1 lower. Few Choice slaughter steers 60.00-61.10, few Good 58.00-59.85, few Good & Choice holsteins 54.50-57.10, Standard 48.50-53.35, few Utility & Low Standard 42.50-48.00. Good & Choice slaughter heifers 51.60-55.85, few Utility & Standard 40.00-50.00. Utility & Commercial slaughter cows 39.25-41.75, few to 46.75, Commercial No. 3-5 38.10-43.10, Cutters 38.50-40.85, Canner & Low Cutter 34.10-38.85, Shells down to 22.50. Few Good & Choice slaughter bullocks 50.75-56.50, one Standard at 48.00. Few Yield grade #1 1245-1655 lbs. slaughter bulls 53.00-54.60. Few small frame #1 305-460 lbs. feeder steers 40.00-51.50, few large frame #2 340-860 lbs. 37.50-49.75; few large frame #2 330-800 lbs. feeder heifers 31.50-43.50.

CALVES 210: Vealers grading Standard & Good strong to $2 higher. Few Choice vealers 100-102, Good 60.00-79.00, Standard & Good 60-95 lbs. 47.00-54.00, Utility 45-105 lbs. 21.00-45.00. Farm calves, holstein bulls 80-125 lbs. 50.00-83.00, mostly 55.00-70.00; few holstein heifers 95-105 lbs. 52.00-77.00; few beef cross bulls & heifers 85-115 lbs. 54.00-62.00.

HOGS 133: Barrows & gilts $1.50 lower on a small supply. US No. 1-2 200-255 lbs. barrows & gilts 56.10-56.75, 2 lots No. 1-2 217-240 lbs. 56.35-57.60. Sows uneven. US No. 1-3 340-575 lbs. sows 50.00-54.00, No. 2-3 260-525 lbs. 46.50-50.50. Few Boars 44.00-46.75.

FEEDER PIGS 8: Lot US No. 1-3 58 lbs. feeder pigs 93.00 cwt., few Utility 68-120 lbs. 70.00-73.00 cwt.

SHEEP 10: One Choice 95 lbs. wooled slaughter lamb at 54.00, one Good 75 lbs., at 52.00, 2 yearlings 35 lbs. 23.00 and 31.00. Few slaughter sheep 12.00-17.00.

Eighty-four Livestock

Eighty-four, PA
Monday Oct. 25, 1982
Report supplied by PDA

CATTLE 515: Compared with last Monday's market, slaughter steers & cows steady. Choice slaughter steers 60.00-62.00, Good 52.00-57.00, Standard 46.00-50.00, Utility 42.00-46.50. Utility & Commercial slaughter cows 38.00-44.00, few to 47.00, Cutters 35.00-38.50, Canner & Low Cutter 28.00-35.50, Shells down to 18.00. Yield Grade #1 1000-1800 lbs. slaughter bulls 48.50-52.50; yield grade #2 950-1500 lbs. 44.00-48.00. Medium & Small Frame #1 300-600 lbs. feeder steers 52.00-60.00; Medium Frame #1 350-700 lbs. feeder heifers 43.00-48.50, Large Frame #1 500-700 lbs. 47.75-50.00.

CALVES 384: Vealers mostly steady. Choice vealers 74.00-80.00, Good 60.00-74.50, Standard & Good 90-120 lbs. 46.00-58.00, 60-85 lbs. 41.00-47.00, Utility 80-110 lbs. 28.00-40.00. Farm calves, holstein bulls 90-120 lbs. 55.00-69.00; holstein heifers 80-110 lbs. 50.00-70.00.

HOGS 33: Barrows & gilts weak to 50 cents lower. One lot US No. 1-2 208 lbs. barrows & gilts 55.50, few No. 1-3 250-270 lbs. 53.00-54.00. US No. 1-3 400-600 lbs. sows 51.50-53.25, few No. 2-3 350-500 lbs. 46.00-48.00. Boars 35.00-44.50.

FEEDER PIGS 0: No sales on offer.

SHEEP 156: Wooled slaughter lambs $3 to $4 lower. Choice 70-95 lbs. wooled slaughter lambs 47.50-50.00, Good 60-90 lbs. 45.00-48.00, Utility 46-96 lbs. 40.00-44.50. Slaughter sheep 14. 50-17.00.

GOATS 4: 15.00-23.00 per head.

New Wilmington Livestock

New Wilmington, Pa.
Monday, Oct. 25
Report supplied by PDA

CATTLE . 354. Compared with last Monday's market, slaughter cows weak to 50 cents lower. One Choice slaughter steer at 60.00, few Good 52.00-53.50, Standard 44.25-51.00, Utility 38.00-44.50. Few Good slaughter heifers 48.00-51.25, Standard 43.50-46.00. Utility & Commercial slaughter cows 38.00-44.00, couple to 45.00, Commercial No. 4-5 33.00-38.50, Cutters 34.50-39.00, Canner & Low Cutter 27.00-35.00, Shells down to 20.00. Yield Grade #1 1160-1760 lbs. slaughter bulls 44.00-50.00, one at 54.00; few yield grade #2 870-1310 lbs. 39.00-43.25. Medium & Large Frame #1 350-785 lbs. feeder steers 42.00-52.50; Medium & Large Frame #1 345-730 lbs. feeder heifers 33.00-43.00, holsteins 525-745 lbs. 32.00-50.00; Medium & Large Frame #1 330-800 lbs. feeder bulls 35.00-43.75.

CALVES 283. Vealers steady. Choice vealers 85.00-95.00, Good 70.00-82.00, Standard 46.00-60.00, Standard & Good 90-120 lbs. 42.50-53.00, 65-85 lbs. 33.00-42.50, Utility 50-130 lbs. 16.00-30.00. Farm calves, holstein bulls 95-135 lbs. 45.00-62.50; holstein heifers 80-125 lbs. 44.00-70.00.

HOGS 294. Barrows & gilts steady. US No. 1-2 210-250 lbs. barrows & gilts 56.50-57.25, No. 1-3 200-250 lbs. 55.50-56.50, No. 2-3 205-270 lbs. 52.00-54.60, few No. 1-3 150-165 lbs. 47.00-50.00. Sows $2 lower. US No. 1-3 330-580 lbs. sows 50.00-55.00. Boars 38.50-49.00.

FEEDER PIGS 27. US No. 1-3 30-45 lbs. feeder pigs 27.00-38.00 per head.

SHEEP 120. Choice 70-95 lbs. wooled slaughter lambs 48.00-52.00, Bucks 41.50-48.00, Good 60-85 lbs. 37.00-49.00, few Utility 40-60 lbs. 15.00-23.00. Slaughter ewes 2.00-20.00.

Peoria Cattle

Thursday, Oct. 28
Report supplied by USDA

Compared to last week Slaughter Steers closed steady to .50 lower. Heifers active at midweek and .50-1.00 higher. Cows 2.00 to mostly 3.00 lower. Bulls 1.00-2.00 lower. Trade opened the week moderate with buyers cautious and selective in view of an unstable wholesale beef trade, however; light midweek supplies and an upward swing in carcass beef forced live prices higher with best demand centered on Heifers and 900 to 1000 lbs. Steers. Receipts this week about 2900. Compared to 3231 last week and 2431 a year ago.

SLAUGHTER STEERS: Choice and Prime 3-4 1150-1450 lbs. 57.50-58.00 Choice mostly 3's 900-1250 lbs. 57.50-58.50, load 1005 lbs. 59.00, Mixed Good and Choice 2-3 900-1200 lbs. 56.00-57.50. Good 54.50-57.00. Holsteins: Good and Choice 2-3 1200-1475 lbs. 48.00-52.50.

SLAUGHTER HEIFERS: Few lots and two loads Choice, few Prime mostly 3's 1000-1075 lbs. 58.00-59.00. Choice 2-4 925-1100 lbs. 56.00-57.50. YG 3-4's 950-1125 lbs. 54.50-57.00. Several lots mostly 4's 52.00-54.50. Good 50.00-54.50.

COWS: Utility, few Commercial 1-3 closing 36.00-39.00. Cutter 33.00-36.50. Canner and Low Cutter 30.00-34.00.

BULLS: YG 1-2 1100-2200 lbs. 44.00-52.00, closing 44.00-48.00.

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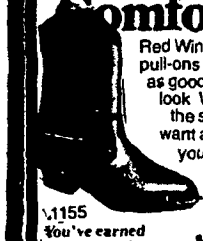

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CLOSED WEDNESDAYS

Livestock market and auction news

THE OLD FARMER'S ALMANAC

NOV. 1-7, 1982

Lots of praise for these Indian summer days.

Bring your garden furniture in now . . . FDR won fourth term Nov. 7, 1944 . . . Full moon Nov. 1 (Mon.) . . . There are two full moons this month . . . Average length of days for the week, 10 hours, 13 minutes . . . Election Day Nov. 2 (Tues.) . . . *Those who bring sunshine to the lives of others cannot keep it from themselves.*

Ask the Old Farmer: I have a large, old aluminum kettle about ¼-inch thick. The bottom is now pitted. Do you know how to repair it? A.C., Whitehall, N Y

Scrub the bottom with soap pads. This will help some but won't get into the deeper pits. Then fill the kettle with water and add ½ cup cream of tartar. Boil the water for 15 minutes. Rinse well. This should clean out the deeper pits.

Home Hints: Sprinkle cedar sawdust in floor cracks to guard against moths

OLD FARMER'S WEATHER FORECAST

New England: Week's beginning is cloudy and cold, midweek brings heavy rain, cold temperatures; partial clearing over weekend

Greater New York-New Jersey: Clear and mild to start; rainy and cold, midweek; weekend is partly sunny and cold

Middle Atlantic Coastal: Sunny and mild, then cold, beginning of week; rainy and cool, turning cloudy and cold, rest of week.

Piedmont & Southeast Coastal: Very beginning of week is mild, with showers; rain, heavy northeast, midweek; partly cloudy, cold weekend.

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Carlisle Auction

Carlisle, Pa.
Tuesday, Oct. 26
Report supplied by auction

CATTLE: 303. Steers were 1.00 higher; Heifers were .75 higher; Cows were steady to .50 lower; Bulls were steady; Very Large and Good run of Feeder Cattle and Cows. Steers: Good 57.50-58.50; Standard 48.50-54.74; No Choice offered. Heifers: No Choice offered; Good 53.50-54.25; Standard 47.00-50.50; Utility to 45.25. Cows: Earlybird Pen 2.00 higher! Individual at 45.00; Utility & Commercial 39.85-42.85; Cutter 36.00-40.00; Canner & Low Cutter 32.00-36.50; Shells 29.25 down. Bullocks: No Choice or Good offered; Good to 47.25; Utility to 41.75. Bulls: No Yield Grade No. 1's offered; Yield Grade No. 2 to 48.00.

FEEDER CATTLE: Steers were 8.00 higher; Heifers were steady; Bulls were 6.00 to 8.00 higher. Strong demand for steers and bulls! Steers: Good 405-435 lbs. 63.00-65.00; Good 425-445 lbs. 59.00-61.00; Good 415-560 lbs. 59.00-61.00; Medium 452-575 lbs. 45.00-47.00; Medium 720-765 lbs. 46.00-53.00. Heifers: Medium 210-335 lbs. 36.50-37.00; Good 335-445 lbs. 42.00-43.00; Good 485-520 lbs. 45.00-46.50; Good 600-730 lbs. 46.50-47.00. Bulls: Good 440-645 lbs. 59.00-65.00; Medium 485-650 lbs. 53.00-56.00; Good 245-370 lbs. 61.00-65.00; Good 330-370 lbs. 57.00-61.00; Medium 532-575 lbs. 45.00-48.50.

CALVES: 205. Strong Demand! (esp. for vealers between 130-200 lbs.) Vealers were 4.00 higher; Back to the Farm Calves were 6.00 higher with active bidding for Hol. Bulls and 17.00 lower for Hol. Heifer. Vealers: Choice 95.00-108.00; Good 75.00-90.00; Standard & Good 60.00-75.00; Light and Weak 59.00 down. Farm Calves: Hol. Bulls 88.00-99.00; Hol. Heifers 75.00-82.50.

HOGS: 301. Steady! US No. 1-2 56.35-58.10; US No. 1-3 53.00-56.00. Sows: 2.50 lower US No. 1-3 49.00-53.00; No. 2-3 43.50-48.00. Boars: 3.50 lower, average 43.25-44.50.

FEEDER PIGS: 200. Good run; steady to 1.00 lower. US No. 1-3 21-34 lbs. 25.00-34.00 Hd. US No. 1-3 37-45 lbs. 35.00-45.00 Hd.

SHEEP: 31. Lambs: No Choice offered; Good 43.00-47.00; Utility 40.00-42.00. Goats: 26.00-54.00 Hd.

Shenandoah Valley Livestock

Harrisonburg, Va.
Saturday, Oct. 23
Report supplied by auction

FEEDER CATTLE: Trend- All classes steady. Steers: M&L-1 300-500 lbs. 54.00-68.50; 500-700 lbs. 53.00-63.50; 700-1000 lbs. 53.00-62.50; Holstein 300-1000 lbs. 41.00-50.50. S-1&M&L-2 300-500 lbs. 50.00-61.00; 500-700 lbs. 51.00-57.00. Feeder Bulls: M&L-1 300-500 lbs. 52.00-61.00; 500-700 lbs. 50.00-60.00; 700-1000 lbs. 36.50-45.50. S-1&M&L-2 300-500 lbs. 51.00-56.00; 500-700 lbs. 44.00-52.00. Heifers: M&L-1 300-500 lbs. 39.00-47.00; 500-700 lbs. 40.00-48.50; 700-800 lbs. 43.00-53.00. S-1&M&L-2 300-500 lbs. 37.00-42.00; 500-700 lbs. 38.00-43.00. Stock Cows: Baby Calves- Small 30.00-55.00, Large 55.00-90.00.

SLAUGHTER CATTLE: Steers-Good 2-3 53.25-58.25.

SLAUGHTER COWS: Steady. Utility & Commercial 2-4 34.00-40.50; Canner & Cutters 1-3 25.00-32.00.

SLAUGHTER BULLS 1&2: 42.00-52.00.

LAMBS: 50 cents lower. High Choice & Prime 49.50; Choice 44.00; Feeder Lambs Choice 44.50-48.25; Slaughter Ewes 10.00-12.00.

HOGS: US 1-3 200-240 lbs. 52.50; Sows 1-3 53.00-56.00.

VEAL: Good 50.00-58.00.

New Holland Horse

New Holland, Pa.
Monday, Oct. 25
Report supplied by auction

Reported receipts of 318 head of horses, mules, and ponies. Market: steady.

Load of Driving Kentucky horses 725.00-1150.00; Load of Driving Illinois horses 575.00-875.00; Load of Driving Kentucky horses 700.00-1400.00.

Local Better horses 475.00-675.00; Driving horses 350.00-875.00; Riding horses 325.00-425.00; Lightweight killers 350.00-400.00; Heavyweight killers 425.00-525.00; Mare Ponies 35.00-75.00; Colts 15.00-35.00; Geldings 35.00-75.00; Larger ponies 125.00-175.00.

Valley Livestock

Valley Stockyards
Athens, Pa.
Monday, Oct. 25
Report supplied by auction

Total No. of Head 559. Hay to 58.00. Market good cow run holding steady.

Holstein Hfr. Calves to 70.00; Veal calves to 75.00; Vealer Bull Calves 54.00-71.00; Slaughter Calves 43.00-55.00; Grassers & Feeders 34.50-54.50; Lambs 35.00-47.00; Sheep 15.00-23.50; Hogs, 200-250 lbs. 52.00-59.50; Sows 46.00-51.50; Boars 42.00-47.50; Pigs each 15.00-54.50; Heifers 36.00-48.50; Steers 36.50-48.00; Steers, feeder none; Bulls 39.50-47.50; Cows, utility 34.50-42.25; Cows, fat 35.25-40.75; Cows, medium 30.00-35.50; Cows, poor or small 25.00-30.00; Cattle market steady; Calf some easier; Horses none; Ponies 52.50; Goats 5.00-30.00.

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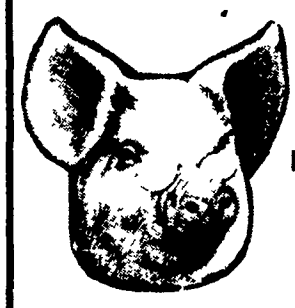

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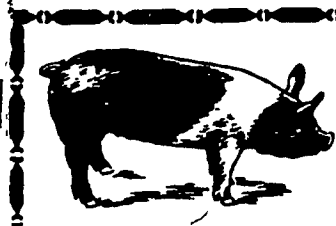
WALTER H. RISSER, Proprietor



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Va. market summary & sale reports

Virginia Auction Summary

Oct. 21-27
Report supplied by VDA

Total of Va. Weekly Feeder Cattle Auction Receipts: 11,365.

TREND: Feeder steers and bulls steady; heifers steady to $1 lower.

Southeast, Va.
Auction Summary
Oct. 21-27

STEERS: 300-500 lbs. Medium 1 52.50-60.00. 500-700 lbs. Medium 1 53.00-58.50.

HEIFERS: 300-500 lbs. Medium 1 38.00-44.00; Large 1 44.75; Small 1 40.00-41.00. 500-700 lbs. Medium 1 38.00-42.00.

Southwest Va.
Auction Summary
Oct. 21-27

STEERS: 300-500 lbs. Medium 1 58.00-69.00; Large 59.00-72.00; Small 1 46.50-59.00. 500-700 lbs. Medium 1 53.00-63.50; Large 1 57.00-63.00; Small 1 47.00-58.00. 700-1000 lbs. Medium 1 54.00-60.50; Large 1 50.00-60.00; Small 46.00-55.00.

HEIFERS: 300-500 lbs. Medium 1 40.00-48.00; Large 1 40.00-51.00; Small 1 37.00-44.00. 500-700 lbs. Medium 1 40.00-49.00; Large 1 40.00-50.50; Small 1 38.00-44.00. 700-900 lbs. Medium 1 40.00-47.00; Large 1 42.00-47.80; Small 1 37.00-41.00.

Northern Va.
Auction Summary
Oct. 21-27

STEERS: 300-500 lbs. Medium 1 56.00-66.50; Large 1 63.00-72.00; Small 1 54.00-66.00. 500-700 lbs. Medium 1 58.50-69.00; Large 1 58.00-69.00; Small 1 51.00-62.00. 700-1000 lbs. Medium 1 54.00-65.50; Large 1 58.00-68.00; Small 1 57.00-58.00.

HEIFERS: 300-500 lbs. Medium 1 40.00-50.50; Large 1 40.00-52.00; Small 1 37.00-48.00. 500-700 lbs. Medium 1 40.00-51.25; Large 1 40.00-53.00; Small 1 38.00-48.00; 700-900 lbs. Medium 1 45.00-53.00; Large 1 47.00-51.25.

Special Graded Feeder Cattle

Staunton, Va.
Wednesday, Oct. 20

1,422 head.

STEERS: Medium 1: 300-400 lbs. 58.50-70.25; 400-500 lbs. 62.00-75.00, mostly 64.00-70.25; 500-600 lbs. 63.50-68.25; 600-700 lbs. 58.25-66.00. Large 1: 400-500 lbs. 1 lot 68.00; 500-600 lbs. 64.00-69.00; 600-700 lbs. 63.75-65.25. Small 1 300-400 lbs. 56.50-65.00; 400-500 lbs. 57.50-66.50; 500-600 lbs. 55.00-61.25. Med. and Lg. 2, few loads: 300-400 lbs. 58.25-62.00; 400-500 lbs. 58.00-63.50; 500-600 lbs. 56.50-65.00; 600-700 lbs. 50.00-59.75.

HEIFERS: Medium 1: 300-400 lbs. 50.00-55.50; 400-500 lbs. 54.00-56.50; 500-600 lbs. 54.00-56.50; 600-700 lbs. 48.00-54.25. Large 1: 400-500 lbs. 53.00-53.25; 500-600 lbs. 50.75-57.00. Small 1: 300-400 lbs. 44.00-53.50; 400-500 lbs. 43.00-54.25; 500-600 lbs. 43.00-46.75. Med. and Lg. 2: 300-400 lbs. 38.00-49.50; 400-500 lbs. 45.00-49.50; 500-600 lbs. 40.00-43.00.

Special Graded Feeder Steer

Roanoke, Va.
Thursday, Oct. 21

1,785 head.

STEERS: Medium and Large 1: 300-400 lbs. 54.50-70.00, mostly 67.50-70.00; 400-500 lbs. 59.25-65.50; 500-600 lbs. 59.50-66.25, motly 65.00-66.25; 600-700 lbs. 57.00-66.25, mostly 63.25-65.00; 700-800 lbs. 61.25-61.50. Small 1: 300-400 lbs. 57.50-60.50; 400-500 lbs. 55.00-58.75; 500-600 lbs. 55.50-62.00, mostly 59.25-62.00; 600-700 lbs. 60.25-61.75. Med.-Lg. 2, with few lows: 300-400 lbs. 54.00-60.00, mostly 57.25-57.50; 400-500 lbs. 57.50-67.00, mostly 65.50-67.00; 500-600 lbs. 55.50-61.50, mostly 60.25-61.50; 600-700 lbs. 54.50-55.50; 700-800 lbs. 50.00-54.50.

HEIFERS: Medium and Large 1: 300-400 lbs. 44.50-53.00; 400-500 lbs. 49.00-55.50, mostly 52.25-55.50; 500-600 lbs. 52.25-57.00. Small 1: 300-400 lbs. 43.25-44.00; 400-500 lbs. 42.00-46.00; 500-600 lbs. 47.00-48.25. Med.-Lg. 2: 300-400 lbs. 39.50-41.25; 400-500 lbs. 41.75-43.50.

Special Graded Feeder Cattle

(Tri-State)
Abingdon, Va.
Monday, Oct. 25

1,521 head.

STEERS: Medium 1. 300-400 lbs. 60.00-66.00; 400-500 lbs. 59.75-72.00; 500-600 lbs. 62.00-65.00; 600-700 lbs. 61.50-63.25; 700-800 lbs. 57.75-63.25. Large 1. 300-400 lbs. 59.00-65.00; 400-500 lbs. 61.00-64.50; 500-600 lbs. 58.00-64.25; 600-700 lbs. 63.00-64.10. Small 1: 300-400 lbs. 54.50-59.00; 400-500 lbs. 53.00-55.50; 500-600 lbs. 47.75-55.50; 600-700 lbs. 47.00-50.00. Med.-Lg. 2, few lows: 300-400 lbs. 55.00-60.00; 400-500 lbs. 52.00-59.00; 500-600 lbs. 52.00-54.00; 600-700 lbs. 46.00-53.00.

HEIFERS: Medium 1: 300-400 lbs. 43.25-49.75; 400-500 lbs. 45.00-53.00; 500-600 lbs. 40.00-56.50; 600-700 lbs. 45.00-53.75. Large 1: 300-400 lbs. 46.50-49.00; 400-500 lbs. 49.00-57.00; 500-600 lbs. 51.00-65.25; 600-700 lbs. 52.50-54.20. Small 1: 300-400 lbs. 41.00-46.00; 400-500 lbs. 39.00-48.50; 500-600 lbs. 41.00-49.50. Med.-Lg. 2: 300-400 lbs. 43.50-51.00; 400-500 lbs. 40.00-48.00; 500-600 lbs. 43.00-44.75.

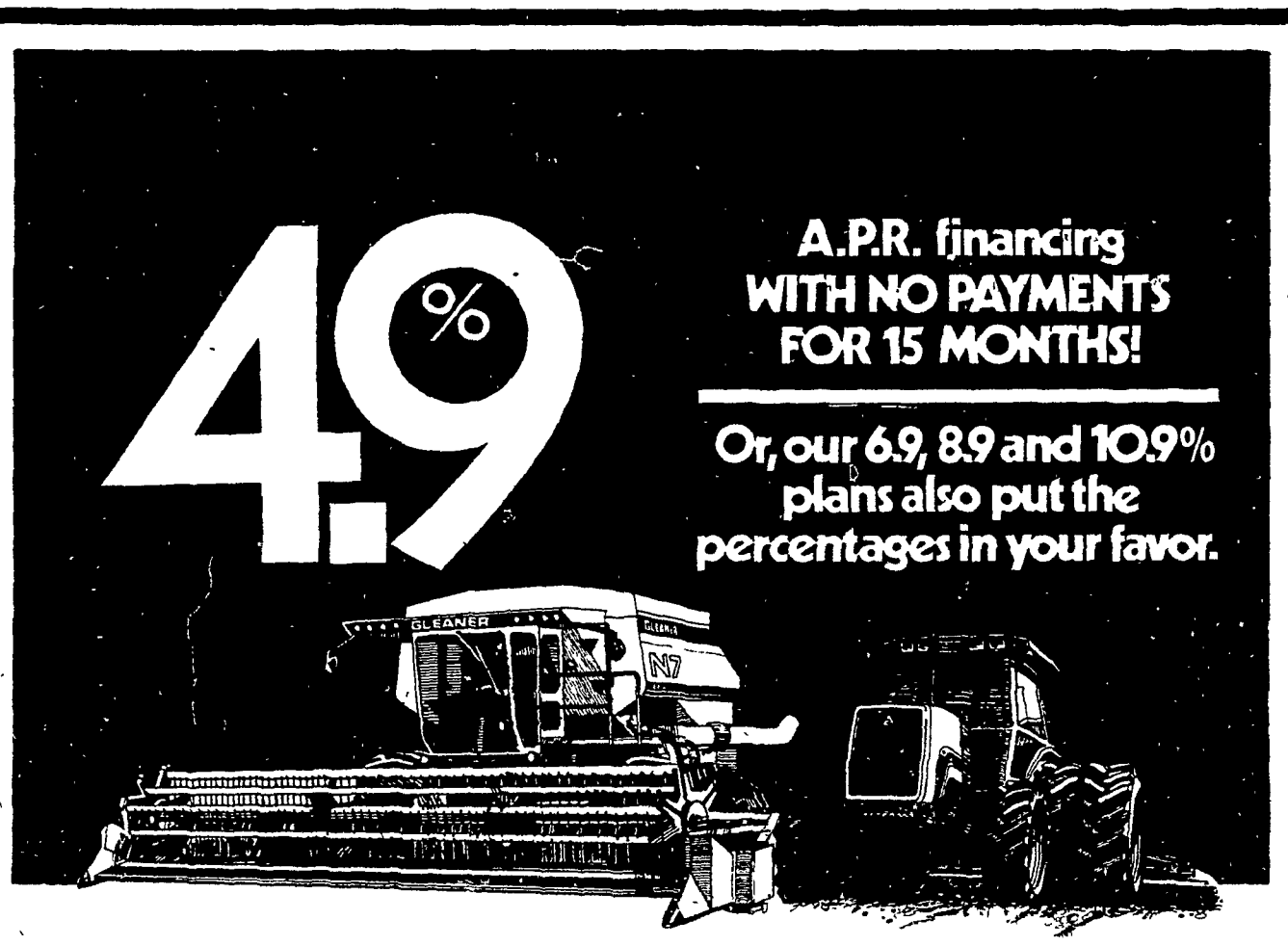
Special Graded Feeder Cattle

Narrows, Va.
Tuesday, Oct. 26

1,050 head.

STEERS: Medium and Large 1: 300-400 lbs. 61.50-66.50; 400-500 lbs. 58.50-64.75; 500-600 lbs. 61.25-64.75; 600-700 lbs. 61.50-65.50; 700-800 lbs. 59.00-62.50; 800-900 lbs. 56.00-59.50; 900-1000 lbs. 48.50-55.00. Small-1: 300-400 lbs. 56.50-60.50; 400-500 lbs. 54.50-58.00; 500-600 lbs. 54.00-57.75; 600-700 lbs. 55.50-57.75; 700-800 lbs. 50.00-55.50. Med.-Lg. 2, few lows: 300-400 lbs. 58.00-60.00; 400-500 lbs. 56.00-62.00; 500-600 lbs. 57.75-59.75; 600-700 lbs. 55.75-57.50; 700-800 lbs. 55.50-58.75; 800-900 lbs. 53.75-55.25.

HEIFERS: Medium and Large 1: 300-400 lbs. 43.00-50.00; 400-500 lbs. 48.00-52.50; 500-600 lbs. 48.00-55.00; 600-700 lbs. 48.50-51.00; 700-800 lbs. 40.00-45.25; 800-900 lbs. 40.00-44.50. Small-1. 300-400 lbs. 38.25-45.00; 400-500 lbs. 39.25-40.00; 500-600 lbs. 46.25-49.25; 600-700 lbs. 38.50-45.00. Med.-Lg. 2: 300-400 lbs. 41.50-46.00; 400-500 lbs. 39.50-44.75; 500-600 lbs. 43.75; 600-700 lbs. 38.50-44.50; 700-800 lbs. 43.50-43.75.



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Choose from four annual percentage rate financing plans.* Rates apply on all new Allis-Chalmers tractors over 40 PTO horsepower, including the new and more efficient 8000 Series models, and on all new Allis-Chalmers implements and Gleaner combines. First payment is not due for 15 months. Come see us for complete details on these limited time offers.

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Off the Sounding Board

By Sheila Miller, Editor

Spooky stories

It's Halloween eve — the once-a-year celebration of scaring ourselves silly by pretending to be goblins and witches, and whatever else is hauntingly frightening in our imaginations.

But this year's Halloween festivities are unlike other year's trick-or-treat nights — because there is a true-to-life horror story unfolding in the nation. Radio, televison, and newspapers carry new reports daily on stricken people who have innocently become the victims of someone's sick imagination.

The trickster's foul play first made headlines earlier this month as reports of seven people dying from cyanide-lased doses of Tylenol capsules made front page news across the country.

Then we listened in disbelief as we learned of acid being mixed in eyedrop solution. "How could anyone be so malicious or sick?" we asked ourselves.

Labeled copy-cat criminals, these perverted perpetrators didn't limit themselves to drugs. They branched out and recently included Florida orange juice as a mixer for insecticides. Others with a "sweeter" tooth decided to spice up candy treats with poisons, needles, and glass.

Just last week, these acts of inexplicable violence erupted into the heart of agriculture as an entire silo of milk was reportedly poisoned. As a result of an extortion note, the allegedly violated milk was dumped before it reached the market place.

What might be next? Only the criminals' imaginations seem to be the limiting factor. Unfortunately, it is almost impossible to safeguard our foodstuffs 100 percent — processing and packaging finds food traveling past hundreds of people each day. Anywhere along the assembly line, food is vulnerable to "attack" by sick individuals who find pleasure in inflicting suffering.

Thankfully, the cases of food poisoning have been relatively few in the past — but they've cost industries fortunes when they've occurred. Even natural contaminations, such as purported salmonella bacteria, have wrecked havoc and caused bankruptcies in industries close to home.

It makes our heads spin when we stop and think about the possibilities of how our food could be violated by drugs and dangerous added ingredients. All we can do is tighten security as much as possible and hope nothing happens.

The scare this Halloween is a true-life horror story — and when it will end remains a mystery. But, surprisingly, there are some good things coming out of all this terror.

For instance, one New England hospital is offering to X-ray all candy received by children in their trick-or-treating visits — at no cost.

Many towns around the country are holding organized Halloween parties for the children so that they come in off the streets and aren't tempted to take candy from strangers.

And parents are taking a guarded interest in the children's Halloween escapades, attempting to protect them from harm.

Hopefully, all these incidents of poisoning will quickly subside before too much damage has resulted. And, let's hope no more cases of contaminated agricultural products arise and cause people to shy away from food. The farm industry couldn't afford any reactionary boycotts.

On this Halloween eve, let's concentrate on ridding ourselves and our industry from this shroud of fear that envelopes the nation these days. Perhaps dairy farmers will have to allow their cows to eat more garlic — an herb that superstition says keeps evil spirits away — even though milk cooperatives and consumers would surely wrinkle their noses at the idea.

Let's hope this evil tale has a happy ending, with the villains getting what they deserve — perhaps a taste of their own medicine would "cure" them.

Farm Calendar

Saturday, Oct. 30

Dairymen Inc. Mid-Atlantic Division annual meeting, Hunt Valley Inn, Cockeysville, Md. Luncheon at 12:30 p.m.

Sunday, Oct. 31

Standard Horse Sale, Farm Show Complex, continues through Wednesday.

Monday, Nov. 1

Adams County Poultry Assn. banquet, 6:30 p.m., York Springs Fire Hall.

Tuesday, Nov. 2

Penn State Income Tax Workshop, continues through Thursday, Lancaster Farm and Home Center.

ELECTION DAY - Vote for your favorite Farmer-Candidate.

Wednesday, Nov. 3

Lancaster County Conservation District, 7:30 p.m., Lancaster Farm and Home Center.

York Farmers' Assn. tour, Limerick Nuclear Power Plant, bus leaves Mekendree United Methodist Church at 9 a.m.

Hunterdon County, N.J. Board of Agriculture monthly meeting, 8 p.m., Extension Center.

York County Goat Breeders, 7:30 p.m., York Co. 4-H Center.

Thursday, Nov. 4

Lancaster 4-H Dairy Awards Banquet, 7 p.m., Good n' Plenty Restaurant.

Cumberland DHIA annual meeting, 7 p.m., Newville Fire Hall.

Friday, Nov. 5

KILE, Farm Show Complex, continues through Tuesday.

Franklin DHIA annual meeting, 7 p.m., Kauffman's Community Center, Kauffman's Station.

Saturday, Nov. 6

NAILE opens and continues through Friday, Nov. 19, Louisville, Ky.

Pa. Livestock Association annual meeting-banquet, 7 p.m., Holiday Inn, Grantville.

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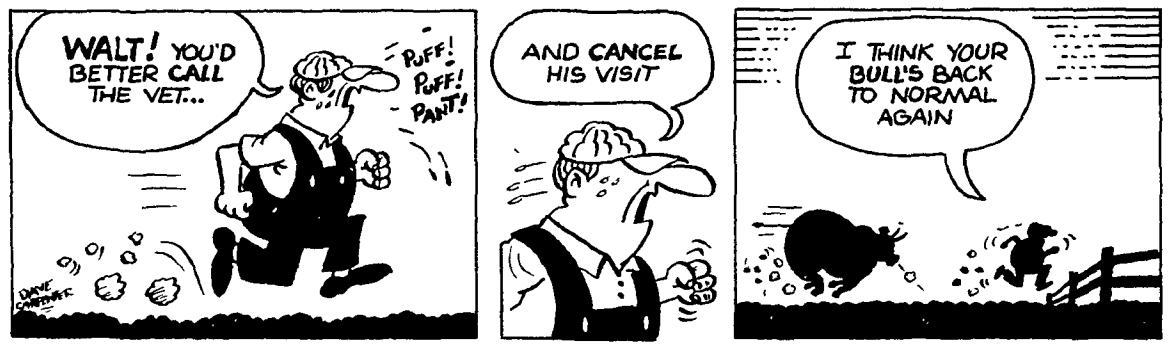


THE BIBLE SPEAKS
BY LAWRENCE W. ALTHOUSE

OWNING THE PROPHET
October 31, 1982

Background Scripture:
Numbers 22 through 24
Devotional Reading:
Proverbs 16:1-11

There are few stories more fascinating than that of Balaam. There is humor, human interest — and there is a somber message from God that is just as fresh today as then.

The setting is ancient history, but the situation is all too current; one group of people is fearful over the possible encroachments of another group. In Numbers it is the people of Moab who are fearful and resentful about the growing tribes of Israelites on their borders. "This horde," says Moab, referring to Israel, "will now lick up all that is round about us" (22:4). Fear and insecurity lead one group of people to become hostile to another — today as then.

Curse This People

Desperate, the King of Moab, Balak, sends a delegation to a Gentile prophet named Balaam whose accurate psychic predictions have earned him a considerable reputation. Balak's emmisaries offer Balaam everything but the palace sink if he will curse the people of Israel, for, as Balak himself put it "I know that he whom you bless is blessed, and he whom you curse is cursed" (22:6).

Two factors should be evident as we read this story. First of all, Balaam is not a Jew. This means that God is willing to use a Gentile in order to accomplish his purpose. Furthermore, the gift of prophecy was not limited to the people of Israel. In fact, a study of world religions indicates that most of the gifts of the spirit which Christians have tended to regard as their own private possession are scattered throughout the world as widely as God's children. God does not belong to Christians; it is the other way around: we belong to him.

Curse This People

Secondly, the story of Balak and Balaam illustrates once again the tendency of people to believe that **he who pays for the altar owns the prophet.** Although Balaam continued to protest that he could only speak what God revealed to him, King Balak persisted in believing that Balaam was obligated to prophesy a message compatible with Balak's own desires: "What have you done to me? I took you to curse my enemies, and behold you have done nothing but bless them" (23:11).

Balaam would have liked to please Balak with his prophecy. It would be so much easier and, if he cursed the people of Israel, Balak would richly reward him. But Balaam could not bring himself to answer anything but, "Must I not take heed to speak what the Lord puts in my mouth?"

Balak, like so many of us, had a hard time getting the message. "Come with me to another place," he says, "from which you may see them...then curse them for me from there."

When will we learn that paying for the altar does not give us title to the prophet...or the prophet's God.

NOW IS THE TIME

By Jay Irwin

Lancaster County Agriculture Agent
Phone 717-394-6851

Hunt Safely

The small game hunting season opened on Saturday. We need to remind ourselves to be courteous and considerate while hunting on farms. We encourage all hunters to practice good relations between farmers and hunters. Criticism of hunting oftens starts because a few hunters forget the landowner is his host. By observing a few sensible hunting manners, hunters will keep themselves from becoming uninvited guests.

Most landowners permit reasonable hunting. Asking permission to hunt is a small courtesy in return for a pleasant day in the field, yet too few people follow this rule. Landowners may actually need protection from indifferent, careless and destructive hunters. When the trouble starts, many farmers post their land for protection from irresponsible hunters.

It takes very little time and costs nothing to observe a few common courtesy rules while hunting; ask permission before hunting, close gates, pick up litter after eating lunch and stay out of unharvested crops. Keep a safe distance from buildings and livestock while hunting and be sure to respect the property of others as you would expect others to respect yours.

Pick and Store Apples

Whether you grow apples or just like to eat them, it's important to store them properly.

Cool apples will keep longer. Ideally, they should be stored at 33°F. at 90 percent humidity, and in dim light or darkness.

Now as to picking, it's a good practice to store the fruit in the shade as it's picked, then allow it to stand in the orchard overnight to cool. Then, place the apples in storage early in the morning before the temperature rises too much.

If you leave apples in a packing shed or in piles under the tree for one week, you'll shorten their storage life by about five weeks. So, keep apples, cool, maintain good air circulation during storage, and your apples should keep a long time.

Check Chimneys and Flues

The heating season is here and many stoves and heating units will be fired up. Is your system safe from a fire hazard standpoint? In this part of the state many tobacco sheds and barns have stoves for winter working conditions. Thee are many things that can happen to a stove pipe, flue, or a chimney that will allow sparks to enter into a building. We suggest these items be carefully checked before a fire starts. In some cases the chimney may need to be repaired or repointed in order to make it tight. Don't take chances with heating units. Building replacements are too costly.

Plan Winter Weed Control in Alfalfa

As that alfalfa field slows down and prepares to go into dormancy, another plant population in that same field can be increasing in vigor and growth. These are the winter annual weeds: chickweed, shepherds-purse, yellow rocket and some grassy weeds which overwinter. All are in their young stages of growth, says Arnold G. Lueck, Extension Agronomist.

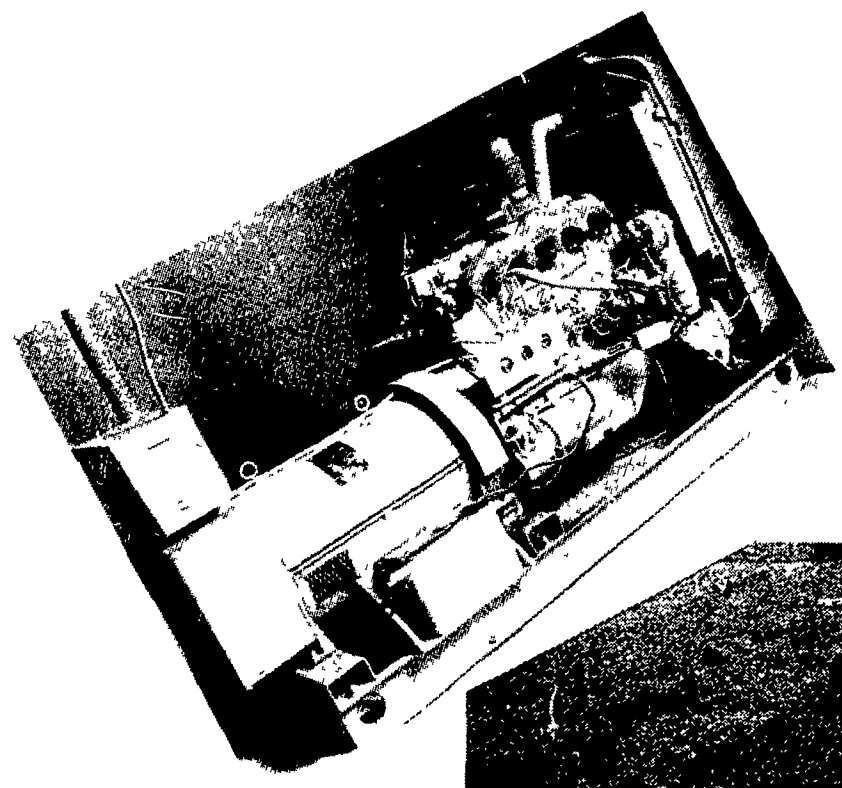
(Turn to Page A12)

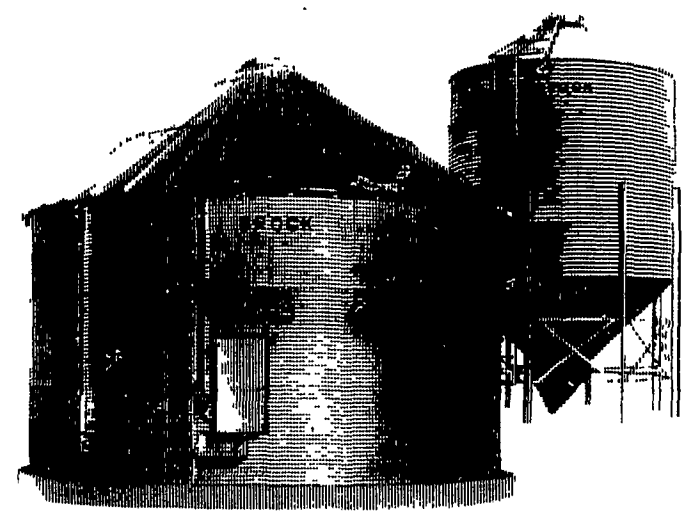
The Systems Approach of Hershey Equipment lets you put it all together

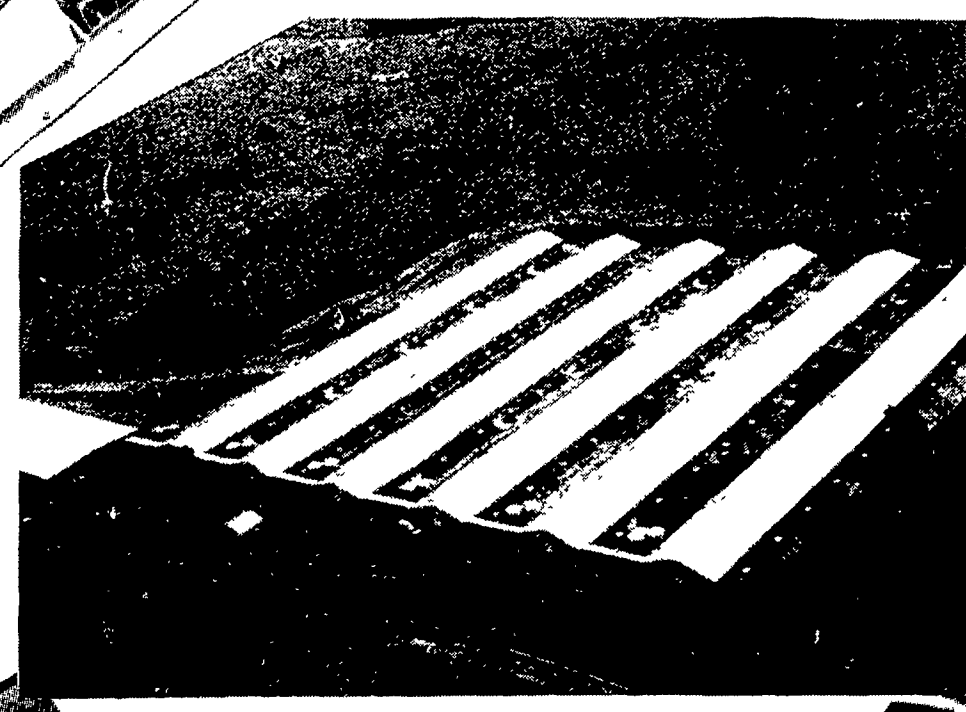
Todays profit minded poultry, swine, and grain producers must think in terms of an automatic system.

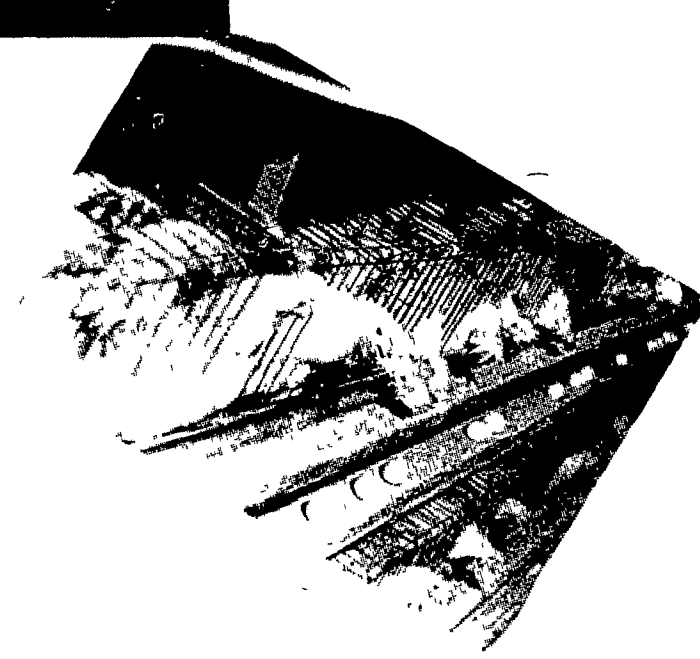
"System thinking" can help you plan away problems before you begin, or it can help you automate away problems you now have.

Hershey Equipment Co. is geared to provide all components of the system including equipment, plumbing, electrical and building. This will assure that the pieces will fit together to form a profitable system.









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Game Commission extends bear, turkey season

HARRISBURG — The Pennsylvania Game Commission has extended the 1982 bear hunting season to two days and has added an extra week of turkey hunting in Management Area No. 2. The actions were taken during the Game Commission's fall meeting held in Harrisburg last Friday.

For the past three years, the Commission has limited the bear season to one day. When the 1982 season was originally set back in April, Monday, Nov. 22, was designated.

However, since Aug. 25, wildlife conservation officers have investigated more than 300 bear damage complaints in the 41 counties open to hunting this year. The complaints are rather evenly distributed and the vast majority involved damage to standing corn crops.

To afford the agricultural community a measure of relief from excessive damage, the Commission extended the 1982 season to include both Monday, Nov. 22 and Tuesday, Nov. 23 in all areas open to bear hunting.

Commenting on the upswing in bear damage and the decision to extend the season, Commission Executive Director Glenn L. Bowers noted, "As a result of our bear management program, it's obvious that bear populations have increased and we now have the chance to liberalize our former one-day restriction and give hunters an additional opportunity to harvest a bear."

Bowers also pointed to the success of wildlife management practices in extending the turkey season in secondary range. As a result of an expanding range and success in turkey trap-and-transfer programs in recent years, populations of the birds are increasing, the extension of the season in Management Area No. 2 is possible for the second consecutive year.

Wild turkey brood counts for the June-August period show that the resource can easily withstand an additional week of hunting in secondary range, so the turkey season in both Management Areas No. 1 and 2 will now begin Oct. 30 and conclude Nov. 20.

Management Area No. 3, confined to western and southeastern Pennsylvania, will have a turkey season from Oct. 30 to Nov. 13.

Meanwhile, the Commission has completed processing the 90,000 bear licenses allocated for 1982, and those licenses will be in the mail and on their way to successful applicants later this week.

Russell to join NCFC as vice president

WASHINGTON, D.C. — Randy M. Russell will join the National Council of Farmer Cooperatives effective Nov. 1, as vice president, member services and farm programs, according to announcement from NCFC president Gary D. Myers.

In this position, Russell will be responsible for NCFC activities on: general farm programs, milk marketing, appropriations, land grant universities, national commissions, the Agricultural Cooperative Service, and NCFC's Blue Ribbon Trade Committee.

Russell joins NCFC from The Pillsbury Company, Minneapolis, where he has served as director of government relations since April of this year. Previously, he served as an assistant for economics to Secretary of Agriculture John Block, and as agricultural legislative assistant to Senator Rudy Boschwitz (R-MN).

The new NCFC vice president also has experience as an economist for the Senate Agriculture Committee. His responsibilities there included analysis of legislation involving grain commodities, rural development policy, and water resources. Prior to this, he served as an economist for the Economic Research Service of the U.S. Department of Agriculture.

A native of the Washington area, Russell is a public administration graduate of George Mason University. He also received a master's degree in economics from George Mason in May 1982, with course emphasis in international trade policy, macroeconomic theory, and mathematical economics.

In 1981, he was selected as one of the Outstanding Young Men of America.

Russell and his family will be moving from Minneapolis to the Washington area in the near future.

Now is the Time

(Continued from Page A10)

Crop injury is not seen now. But wait until that first cutting comes off next May. Those same little weeds all will have flowered and set seed by that time. Not only do yield losses occur but field curing problems, lower hay quality results and harvesting costs increase.

Fall applied herbicide(s) will largely eliminate the costly winter weed problem. We have a number of effective materials, to do the control job. Know your weed situation in the field. Some herbicides cannot be applied to alfalfa-grass mixtures but for straight seedings we have the weed control answer ... providing we go after them before the snow flies.

OUR READERS WRITE, AND OTHER OPINIONS

"Dutch" company in Harrisburg

I read the article about Noah Wenger being the last "Dutchman" serving in the Pennsylvania legislature (**Lancaster Farming**, Oct. 23, 1982 issue).

Currently the following candidates who speak Pennsylvania Dutch are on the ballot in Berks County, and they are all Democrats:

- John Anspach, 48th Senatorial District;
- Ernest Heckman, 187th Legislative District; and,
- John D. Rausch, 129th Legislative District.

If all of the above are elected on Nov. 2, it might be possible to have a "fersommling" in the state capitol. Noah Wenger would not be lonely.

John D. Rausch
Bernville, Berks County

Successful crops start with soil samples.

UNIVERSITY PARK — Your success in 1983 with field crops may depend on planning your soil fertility program this fall. A good soil fertility program begins with a soil test and the soil test is no better than the care you give to taking samples, says Doug Beegle, Extension agronomist.

Follow these guidelines in taking soil samples:

- Take soil cores from at least 15 spots randomly over the field to obtain a representative sample.
- Sample between rows. Avoid old fence rows, dead furrows, and other spots that are not representative of the field.
- If you have a problem area, take seperate samples from it.
- Scrape away and discard surface debris before taking sample.
- In cultivated fields, sample to plow depth.
- Take two samples from no-till fields—one to make 6- to 8-inch depth, and one to a 2-inch depth.
- Sample permanent pastures to 3- to 4-inch depth.
- Collect the sample in a clean container.
- Mix the core samplings, air dry, and remove roots and stones.
- Fill the soil test mailing container and identify the sample.
- Complete the information sheet giving all of the information requested.

"See your county agent now and get your soil sampling and mailing kits. Don't wait for spring," advises Beagle.

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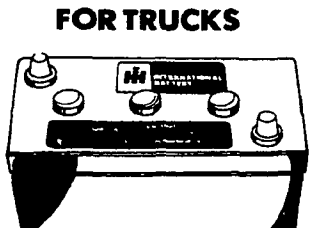
FOR THE FARM



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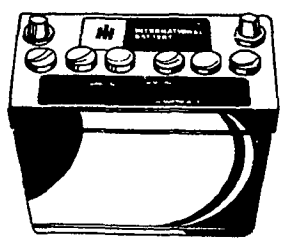

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NOVEMBER 5 & 6

FARM SHOW COMPLEX Harrisburg, PA

These will be held in conjunction with the 1982 Keystone International in Harrisburg, Pennsylvania, at the Farm Show Complex. The sale order will be as follows: Hampshires, Southdowns, Shropshires, and Dorsets. Plan to attend these sales for the finest in quality seedstock.

— Shows —
November 5 - Hampshires, Dorsets, Shropshires
November 6 - Southdowns

— Sale —
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Judges: Dick Cobb, Bill Shultz

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Livestock market and auction news

Central U.S. Carlot

Wednesday, Oct. 27
Report supplied by USDA

Compared to Tuesday's 4:00 p.m. report: Steer and Heifer carcasses mostly $1.00 to $2.00 higher. Demand moderate, trading slow, packers holding firm on light to moderate offerings. The boxed beef carcass cutout value declined $.63 to an estimated $97.13 per cwt. Sales reported on 36 loads of steer and heifer carcasses.

STEER BEEF
19 Loads
FOB Omaha Basis

Choice 3 600-900 lbs. 94.00-95.00, mostly 95.00, 1.00-2.00 higher.

Choice 4: 600-900 lbs. 82.00, 1.00 higher.

Good 2-3 600-900 lbs. 91.00, 1.00-2.00 higher.

Good 2-3 600-900 lbs. 91.00 (Hols.).

HEIFER BEEF
17 Loads
FOB Omaha Basis

Choice 3 550-700 lbs. 93.00, 1.00-2.00 higher.

Choice 4 500-700 lbs. 82, 1.00 higher.

Good 2-3 550-700 lbs. 90.00, 1.00-2.00 higher.

COW BEEF
3 Loads
FOB Omaha Basis

Market steady, demand light.

Bng Utility 2-3 400 & up 72.00 Midwest.

Cnr & Ctr 1-2 350 & up 76.00.

PRIMAL BEEF CUTS
16 Loads
FOB Omaha Basis
Choice 3

Hinds (S) 145-190 lbs. 105.00.

Hinds (H) 120-170 lbs. 104.00-105.50.

Fores 130-210 lbs. 84.00.

Rounds (H) 60-85 lbs. 106.0-108.00.

Good and Choice 2-3

Short Plates 45.00-50.00.

BONELESS PROCESSING/ BEEF TRIMMINGS
91 Loads
FOB Omaha Basis

90% Chem Lean Fresh 111.00-113.00.

50% Chem Lean Fresh 45.00-46.00.

FOB Amarillo Basis

90% Chem Lean Fresh 111.00.

90% Chem Lean Frozen 112.00-112.50.

85% Chem Lean Fresh 105.00.

Compared to Tuesday's 4:00 report: Fresh loins, (regular) steady to firm, 17-22 lbs. steady to weak. Picnics steady to $2.00 lower. Fresh hams (skinned) steady to $3.00 lower. Fresh bellies (Sdls, skin on) steady to $2.00 lower. Pork trimmings and boneless processing pork steady to $1.00 higher. Trading slow on moderate offerings. Demand light.

Sales reported on 33½ loads and 18 loads of trimmings.

FRESH PORK CUTS

LOINS: Regular - 14-17 lbs. 110.00-113.00, steady to firm; 17-22 lbs. 104.50-106.00, steady to weak.

PICNICS: 4-8 lbs. 62.00, steady; 8/up lbs. 58.00, 2.00 lower.

BOSTON BUTTS: 4-8 lbs. 89.00 Frozen.

SPARERIBS: 3.5-/dn lbs. 108.00; 3-5-5.5 lbs. 92.50.

HAMS, SKINNED: 14-17 lbs. 105.00, steady; 17-20 lbs. 99.00, steady; 20-26 lbs. 93.00, 3.00 lower; 20-26 lbs. 92.50 Frozen T.I.S.

BELLIES: Sdls, Skin on: 10-12 lbs. 65.00-66.00, steady - 1.00 lower; 12-14 lbs. 72.00-73.00, steady - 1.00 lower; 14-16 lbs. 72.00-73.00, steady - 1.00 lower; 16-18 lbs. 69.00, 1.00-2.00 lower; 18-20 lbs. 66.00, 1.00-2.00 lower.

BONELESS PROCESSING/ PORK TRIMMINGS
(Chemical Lean)

42% trimmings fresh 41.00-42.00, mostly 41.00-41.50, .50-1.00 higher.

42% trimmings frozen 45.00.

72% trimmings fresh 84.00, steady.

72% trimmings frozen 84.00.

72% bnls pics fresh 88.00, steady.

G&M Livestock

Monday, Oct. 25
Duncansville, Pa.
Report supplied by auction

Compared to last week, large run. Steers higher, Cows weak, Hogs steady.

STEERS: High Choice and Prime 57.00-61.10; Good to Choice 52.00-57.00; Standard to Good 48.00-52.00; Utility 44.00-48.00.

FEEDER PIGS: 25-35 lbs. 25.00-35.00; 35-50 lbs. 35.00-53.00 per head.

HEIFERS: High Choice and Prime 57.00-60.75; Good to Choice 52.00-57.00; Standard 48.00-52.00; Utility 44.00-48.00.

FEEDER STEERS: Good to Choice 300-700 lbs. 50.00-62.50. Feeder Heifers 300-600 lbs. 48.00-56.00.

BULLS: 1100-1700 lbs. 47.00-53.00; 900-1100 lbs. 48.00-60.00.

COWS: High Choice to Prime 44.00-46.00; Couple 50.00 and 52.00 Good 40.00-44.00; Standard 36.00-40.00; Utility 34.00-36.00; Cutters 32.00-34.00; Canners down to 30.00.

CALVES: High to Choice 90.00-99.00; Good to Choice 70.00-90.00; Standard to Good 50.00-70.00. Utilty down to 30.00. Farm Calves Hol. Bulls 90-120 lbs. 65.00-81.00. Farm Calves Hol. Heifers 90-120 lbs. 70.00-87.50.

HOGS: 200-240 lbs. 55.00-58.10; 170-300 lbs. 52.00-56.00.

SOWS: 50.00-56.25.

BOARS: 40.50-47.50.

LAMBS: 40.00-52.00

SHEEP: 12.00-22.00.

GOATS: 12.00-38.00.

Brazilian bee and "partner" unwelcome in U.S.

PARK RIDGE, IL. — The Brazillian bee, also known as African bee, killer bee and several other names too indelicate to mention, is coming to the United States.

Don Rawlins, director of natural and environmental resources for the American Farm Bureau Federation, says the arrival date of the migratory bee is uncertain, "not next week or even next year, but inevitably it will be here."

More dangerous than the Africanized bee, Rawlins warned, is the hitchhiker brought along with it. Called Varroa mite, it can and does parasitize bee and larvae, severely decminating colonies until they are almost eliminated. Some colonies have been completely killed by the pest, for which there is no known way of eradication without also killing the bees.

"Think of the United States without fruit, without some vegetables, .with lower soybean yields, little honey and fewer crops. The reason could be that Varroa disease is here," said Rawlins. Over 80 species of plants depend on bees for polination and reproduction.

With Varroa disease in the U.S., it will be necessary that states restrict bee movement and honey producer/pollinators will be economically unable to stay in business. Wild bees also could be infested with this mean mite. Pollinating crops mechanically or by other means may not be feasible, or even if feasible, the sources of pollen will be gone, along with the domestic bee industry.

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7 IMPORTANT ADVANTAGES

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2. **SHOWS LBS. PRODUCED.** Eliminates costly guessing.
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4. **MORE ACCURATE FEEDING.** Allows you to more accurately adjust feed to production.
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NOTE: EWM shown at right consists of (1) Patented Electronic Weigh Meter with digital display, (2) Patented Flo-Meter that measures milk volume.

Drawing above shows Universal Flex-O-Matic Re-Moo-Vr™ and Universal Dual-Sensing 24V Control Box which is mounted between the two components of the "EWM".

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Wysox 717/265-9131	**New Milford** 717/465-3139	**Chapman** 215/395-3381	**York** 717/792-2674	**Chambersburg** 717/263-4197	

AGWAY answers your needs

Livestock market and auction news

Lancaster Co. Weekly

(Continued from Page A2)

per cent slaughter steers, 5 per cent slaughter heifers, 17 per cent cows, 6 per cent bulls, balance feeder steers, many held for Friday's auction.

SLAUGHTER STEERS: High Choice and Prime 3-4 1150-1425 lbs. 61.75-64.00, few head 64.10-64.50, couple lots 1100-1150 lbs. 61.50-62.00; Good and Choice 1-2 1150-1450 lbs. 62.00-63.50, few 63.50-64.75; Choice 2-4 1050-1400 lbs. 59.00-62.75, mainly 60.00-62.00; few Choice 950-1050 lbs. 58.00-59.50, high Good and low Choice 2-3 57.00-60.00, Good 2-3 54.50-57.50; Good and Choice 1150-1550 lb. holsteins 51.75-56.75, Standard 1-2 47.50-52.00.

SLAUGHTER HEIFERS: Couple lots mixed Choice and Prime 3-4 1000-1075 lbs. 59.85-60.25; Choice 2-3 875-1100 lbs. 54.00-58.50, few Yield Grade 2 59.00-60.85; Good 2-3 800-1050 lbs. 51.00-54.50.

COWS: Utility and Commercial 1-3 39.25-41.50, few 41.50-43.50, Commercial 3-4 37.50-40.50, Cutter 1-2 36.75-40.00, few 40.00-41.50, Canner and low Cutter 35.00-37.50.

BULLOCKS: Choice 1050-1375 lbs. 56.00-59.00, few head 60.00-64.75; Good 1000-1250 lbs. 51.00-56.50.

BULLS: Yield Grade 1 1300-2000 lbs. 50.50-54.00, few 54.00-56.35; Yield grade 2 1000-1350 lbs. 47.00-51.50, few 45.00-47.00.

VEAL CALVES: Vealers fully steady with some sales Choice and Prime 3.00-5.00 higher. Demand good for holstein bulls and heifers to return to farm.

VEALERS: Prime special fed 270-330 lbs. 105.00-115.00; Choice 160-230 lbs. 95.00-113.00, few Choice and Prime 114.00-118.00; Choice 240-300 lbs. 83.00-100.00; high Good and low Choice 160-250 lbs. 68.00-90.00, 120-160 lbs. 56.00-70.00, 80-115 lbs. 47.00-58.50, several 60-80 lbs. 35.00-50.00.

SLAUGHTER CALVES: Good and Choice 180-350 ls. 45.00-60.00.

RETURN TO FARM: 50 head 100-115 lb. holstein heifers 109.00-112.00, few 90-95 lbs. 85.00-100.00, several small frame 80-110 lbs. 57.00-75.00; bulk 95-120 lbs. holstein 70.00-82.00, few 82.00-86.00, several 75-90 lbs. 55.00-70.00.

St. Louis Cattle

Thursday, Oct. 28
Report supplied by USDA

Receipts This Week	5000
Week Ago	4,400
Year Ago	4,100

Compared last week, Slaughter Steers and Heifers 1.00-1.50 lower. Cows 3.00 to mostly 4.00 lower. Bulls 3.00-4.00 lower. Slaughter supply about 50% Steers, 30% Heifers and fully 15% Cows.

SLAUGHTER STEERS: Mixed Choice and Prime 2-4 1050-1275 lbs. 58.50-59.00, latter price paid early Monday; few loads and lots 3-4 950-1200 lbs. 57.00-57.50; few 4-5 1150-1250 lbs. 50.25-53.25. Choice 2-4 950-1250 lbs. 57.00-58.50, mainly 57.00-58.00 after Monday; few lots 2-3 1050-1100 lbs. 58.25-59.25. Mixed Good and Choice 2-3 900-1150 lbs. 56.00-57.00. Good 2-3 900-1100 lbs. mostly 54.00-56.00. Few lots Good 2-3 1000-1250 lb. Holsteins 51.00-53.00.

SLAUGHTER HEIFERS: Mixed Choice and Prime 2-4 950-1050 lbs. 55.50-56.50, latter price paid early Monday. Choice 2-4 850-1025 lbs. 54.00-55.50, late mostly 54.00-55.00. Mixed Good and Choice 2-3 750-900 lbs. 52.00-54.00. Good 2-3 750-900 lb 50.00-52.00.

COWS: (late sales) Utility and Commercial 2-4 34.00-36.00. Boning Utility 1-2 36.00-38.00. Cutter 1-2 32.00-35.00. Canner and Low Cutter 1-2 28.00-32.00.

BULLS: YG 1-2 1050-1700 lbs. 44.00-50.00, late sales 44.00-48.00. Few outstanding YG 1 individuals early in the week 51.00-52.00. Few low dressing kinds late 40.00-42.25.

Wednesday's weekly sheep auction. Receipts about 400 head. Compared last Wednesday, Slaughter Lambs 3.00 to mostly 4.00 lower. Other classes scarce. Supply mainly wooled Slaughter Lambs.

SLAUGHTER LAMBS: Scattered lots Choice and Prime 98-118 lb. shorn with no. 1-2 pelts 42.00-46.00, mostly 43.00-44.00. Several lots Choice and Prime 90-117 lb. wooled 42.50-44.50. Few lots Choice 90-105 lbs. 40.00-42.00.

SLAUGHTER EWES: Few small lots Utility and Good 8.00-9.00. Few aged bucks 6.00-8.00.

FEEDER LAMBS: Scattered small lots Choice and fancy 50-85 lbs. 40.50-44.00. Few head Good 50-65 lbs. 35.00.

FEEDERS: (including around 2,300 at the regular Thursday auction.) Feeder Steers weighing under 600 lbs. 3.00-5.00 lower; weights over 600 lbs. 1.00-2.00 lower. Feeder Heifers uneven, weights under 500 lbs. 1.00-2.00 lower; over 500 lbs. firm to 1.00 higher. Overall quality of supply much improved over past several weeks with bulk consisting of Medium Frame 1 400-900 lbs. Steers and 400-700 lb. Heifers. Buyer attendance fairly large.

FEEDER STEERS: Medium Frame 1 300-500 lbs. 59.00-63.00; lot thin 435 lbs. 69.00; 500-600 lbs. 58.00-64.50; 600-700 lbs. 61.50-64.00; 700-875 lbs. 57.00-61.50. Medium Frame 1-2 and some small frame 1: 350-600 lbs. 54.75-58.75; Several lots Mixed Steers and Bulls 375-525 lbs. 45.75-55.00.

FEEDER HEIFERS: Medium Frame 1: 250-500 lbs. 49.50-54.00; 500-700 lbs. 51.00-57.00. Medium Frame 1-2 and few lots Small frame 1: 375-600 lbs. 45.00-48.50; few lots Small frame 1-2 325-500 lbs. 40.00.

STOCK COWS: Lot Medium Frame 1-2 aged 830 lbs. 34.25.

Leesport Livestock

Leesport, Pa.
Wednesday, Oct. 27
Report supplied by PDA

CATTLE 384: Compared with last Wednesday's market, slaughter steers 1.00-1.50 lower. Slaughter cows 2.00-3.00 lower. Slaughter bullocks & bulls mostly steady. Few High Choice & Prime 1135-1160 lbs. slaughter steers 61.00-62.00, Choice 900-1150 lbs. 57.25-60.25, Good & Choice 1220-1440 lbs. 53.75-56.50, Good 53.50-58.60, Standard 49.35-53.25, few Utility & Low Standard 47.00-49.25. Few Choice 900-1070 lbs. slaughter heifers 54.75-57.10, few Good 50.50-52.75, few Standard 47.00-47.60. Utility & Commercial slaughter cows 38.00-41.50, Low Dressing 34.00-38.00, Cutters 35.25-39.25, Canner & Low Cutter 31.00-35.00, Shells down to 23.50. Good & Choice slaughter bullocks 54.50-59.75, Standard 49.00-53.75. Yield Grade #1 1300-1835 lbs. slaughter bulls 49.75-55.85, mostly 52.50-54.75; yield grade #2 970-1250 lbs. 45.75-49.25. Few Medium Frame #1 325-430 lbs. feeder heifers 40.00-45.00, few Large Frame #1 515-555 lbs. 45.50-49.00; Medium Frame #1 300-780 lbs. feeder bulsl 50.25-59.50, few Large Frame #2 600-700 lbs. 36.00-39.00.

CALVES 147: Vealers mostly steady. One Prime vealer at 107.00, Choice 90.00-105.00, Good 74.00-99.00, Standard & Good 110-130 lbs. 65.00-75.00, 90-110 lbs. 52.00-55.00, few to 58.00, 70-90 lbs. 46.00-52.00, Utility 60-100 lbs. 36.00-50.00. Farm calves, holstein bulls 90-125 lbs. 60.00-74.00, few down to 55.00; few slaughter calves, grading Good & Choice 275-350 lbs. 50.00-56.00.

HOGS 324: Barrows & gilts .75-2.50 lower. US No. 1-2 205-245 lbs. barrows & gilts 57.00-57.50, No. 1-3 205-260 lbs. 54.75-57.25, few No. 2-3 230-280 lbs. 52.00-54.00, few No. 1-3 140-175 lbs. 45.00-46.50. Sows .75-1.00 lower. US No. 1-3 300-665 lbs. sows 50.00-52.25, one at 52.75, few Medium 280-490 lbs. 48.00-49.50. Few Boars 45.00-49.00.

FEEDER PIGS 208: US No. 1-3 25-40 lbs. feeder pigs 115.00-130.00 cwt., No. 1-3 45-50 lbs. 95.00-110.00, No. 1-3 55-65 lbs. 80.00-87.00, few No. 1-3 85-90 lbs. 75.00-78.00 cwt., few No. 1-3 15-20 lbs. 17.00-19.00 per head.

SHEEP 37: Choice 60-100 lbs. 50.00-60.00, few to 70.00. Slaughter sheep 14.00-29.00.

GOATS 11: Large Adult Goats 29.00-35.00, one at 45.00 per head.

Four States Livestock

Hagerstown, Md.
Wednesday, Oct. 20
Report supplied by auction

SLAUGHTER: Fed Steers- $1.00 lower. Choice 58.00-60.50; Good 54.00-57.00; Medium 53.00 down. Heifers- No Choice; Good 46.00-50.00; Medium 45.00 down. Cows- Large run, $1.00 lower. High Yield 41.00-44.00; Average 38.00-40.00; Big Middle 35.00-37.00; Fatty Herf. 33.00-36.00; Shelly 36.00 down. Fat Bulls- $1.00-2.00 higher. Good 49.00-52.75; Medium 45.00-48.00. Veal Calves- Steady to $2.00 higher. Choice Individual at 100.00; Choice 75.00-80.00; Good 70.00-74.00; Medium 60.00-69.00; Farm Hfrs. to 87.50; Farm Bulls to 74.00; Light & Weak 41.00 down. Lambs- Few offered; Good 40.00-42.00; Medium 39.00 down.

STOCKER: Steers 300-550 lbs. Choice $3.00 higher. Med. & Good - Steady. Choice 62.00-70.00; Good 54.00-61.00; Medium 48.00-53.00; Culls 47.00 down. Steers 600-850 lbs. Choice 59.00-63.00; Good 50.00-58.00; Medium 49.00 down. Heife (All weights) Choice 50.00-55.00; Good 43.00-49.00; Medium 42.00 down. Bulls- Choice 51.00-57.00; Good 42.00-50.00; Medium 41.00 down. 2 Reg. Hol. Bulls around 1000 lb. 72.50-75.00. Dairy Cows- to 550.00. Springing Heifers to 860.00. Pigs, hd. Steady. 20-30 lbs. 28.00-39.00; 40-60 lbs. 40.00-51.00. Shoats by lb. to 49.00. Slaughter Hogs $2.00 lower. 210-230 lbs. 54.00-55.50; 240-260 lbs. 54.25-55.25 Sows- 425-600 lbs. 52.00-55.00; 300-400 lbs. 44.00-51.00.

North Jersey Livestock

Hackettstown, N.J.
Tuesday, Oct. 26

1261 head.

Calves 10.00-97.50; Cows 29.00-44.75; Easy Cows 14.00-38.25; Reactor Cows 37.00-40.00; Heifers 35.00-53.75; Bulls 36.00-55.00; Steers 39.50-56.00; Hogs 42.00-57.00; Roasting Pigs, each 12.00-36.00; Kids 5.00-38.00; Boars 30.00-47.00; Sows 42.00-51.00; Sheep 8.00-37.00; Lambs, each 18.00-65.00; Lambs, per lb. 30.00-65.00; Goats, each 13.00-66.00; Hides 10.00.

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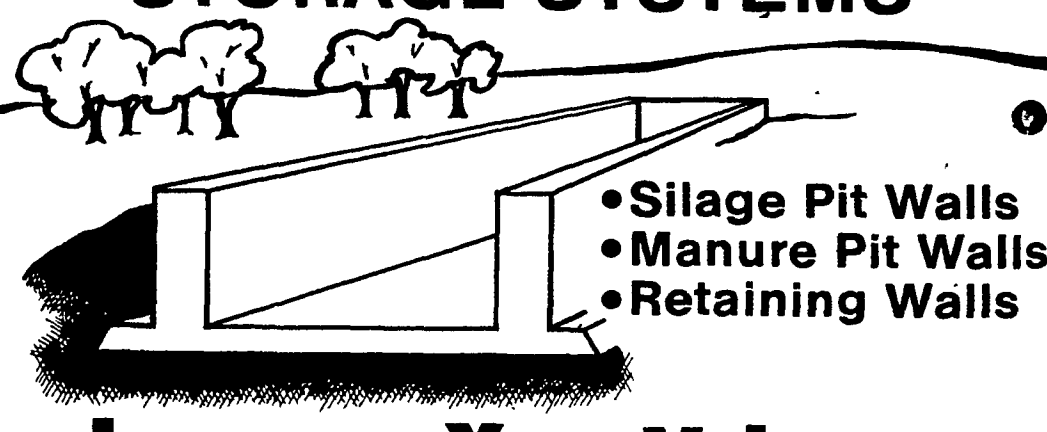

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Livestock market and auction news

Chambersburg Auction

Chambersburg, Pa.
Thursday, Oct. 28
Report supplied by Auction

CATTLE: 397. Sl. steers Choice 56.75-60.25; Good 53.50-56.50; Standard 49.00-53.00; Utility 40.00-48.50; Sl. heifers: Choice 53.50-57.25; Good 53.00-53.50; Standard 45.50-49.00. Sl. cows: Utility & Commercial 38.00-41.10, few to 44.00; Cutters 32.25-37.75; Canner & L. Cutter 27.85-32.00; Shells down to 22.00. Sl. bulls: Yield grade No. 1, 1200-1900 lbs. 50.25-55.00; Yield grade No. 2, 900-1200 lbs. 45.50-50.25.

-FEEDER CATTLE: Steers, Medium frame No. 1, 300-650 lbs. 55.00-57.00, few to 58.00. Heifers, Medium Frame No. 1, 300-500 lbs. 43.00-45.00.

CALVES: 375. Prime 85.00-110.00; Choice 70.00-85.00; Good 65.00-70.00, Standard & Good 75-110 lbs. 45.00-60.00; Utility 60-90 lbs. 40.00-45.00.

FARM CALVES: Hol. Bulls 90-125 lbs. 68.00-80.00; Hol. Heifers 90-115 lbs. 80.00-94.00.

HOGS 50: US No. 1-2 54.00-54.75; No. 1-3 53.50; Sows US No. 1-3 53.00-54.75; No. 2-3 52.25-53.00. Boars 45.00.

FEEDER PIGS 42: US No. 1-3 30-45 lbs. 35.50-44.00 per head.

SHEEP: 30. Choice 60-100 lbs. 44.50-49.00; Good 50-90 lbs. 42.50-43.00. Sl. ewes 10.00.

GOATS: 3, No market test.

Penns Valley Livestock

Centre Hall, Pa.
Tuesday, Oct. 26
Report supplied by auction

Beef Cows: Utility and Commercial 40.40-42.75; Cutters 36.20-39.85; Canners 32.40-35.70; Shells 30.00.

Heifers: Good 55.35-57.25; Standard 49.70-53.10; Commerical 38.20-48.60.

Steers: Choice 54.10-57.35; Good 50.50-53.40; Standard 43.40-47.50.

Bulls: Good 50.20-54.80; Standard 43.25-48.10.

Feeder Cattle: 300-500 lbs. large frame 53.10-70.00; 300-500 lbs. small frame 40.25-47.60; 500-700 lbs. large frame 50.50-54.50; 500-700 lbs. small frame 44.10-48.20.

Veal Calves: Prime 89.60-94.50; Choice 80.20-88.20; Good 69.10-78.60; Standard 55.70-68.00; Utility 42.10-53.70.

Farm Calves: Bulls 75.10-93.10; Heifers 70.00-76.10.

Hogs: 53.80-55.70.

Sows: 51.25-53.85.

Boars: 47.50-50.00.

Shoats: 25-30 lbs. per head 19.50-28.00; 30-35 lbs. per head 32.00-42.00; 35-50 lbs. per head 44.00-64.00.

Lambs: 40.00-52.10.

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Livestock market and auction news

Westminster Livestock Auction

Westminster, Md.
Tuesday, Oct. 26
Report supplied by auction

BUTCHER COWS: Good Run! $1.00 Higher! High Yield 42.00-43.25, 1 to 46.00; Standard & Utility 39.00-42.00; Canners 37.50-40.00; Shelly 37.00 down. Slaughter Bulls-Good Demand! $2 Higher, Good 1300-1800 lb. 51.00-57.50. Fed Steers-Good to Choice 57.00-59.00; Good 54.00-57.00. Slaughter Holsteins-44.00-47.00. Fed Heifers- Good (few) 52.00-54.50; Commercial 44.00-48.25.

BUTCHER HOGS: Light run, Sows Higher! US #1 & 2 215-240 lb. 1 lot 56.00; 305-320 lbs. 2 lots to 49.50-52.00. Sows- Over 500 lb. 52.75-54.75, 300-500 lb. 49.75-53.25. Boars- 325-605 lb. 42.50-44.50.

VEAL CALVES: $2 to $5 Higher. Small efs $2 lower. Good & Choice 75.00-85.00; Standard 60.00-75.00; Stocky & Thin 40.00-59.00; Killers 80-100 lbs. 45.00-50.00; Weak & Rough 45.00 Down.

CALVES RETURNED TO FARM: Steady Prices. Holstein Heifers several 100-115 lb. 63.00-75.00. Holstein Bulls 100-120 lb. 60.00-74.00, 85-100 lb. 50.00-65.00. Beef Type 75-100 lb. 55.00-78.00.

LAMBS: Good to Choice 41.00-44.00. Yearlings to 27.00. Sheep to $20.

STOCK CATTLE: Light run but Good quality offered. Steers- Few Choice 300-500 lb. 59.00-64.00. 500-700 lbs. 58.50-59.50, 700-950 lb. 55.75-59.50. Heifers- 300-700 lbs. Good 45.00-48.50; Medium 40.00-45.00. Bulls- 300-500 lbs. 50.00-55.00; 500-700 lbs. 46.00-50.00.

PIGS AND SHOATS: Steady Prices. By the Head 15-30 20.00-32.00; 30-60 lb. 25.00-51.00. By the Lb. 1 lot 167 lb. at 50.50.

Omaho Cattle

Omaha
Thursday, Oct. 28
Report supplied by USDA

CATTLE: Slaughter steers and heifers closed at midweek weat to 1.00 lower compared to last week's closing levels. Lower prices in carlot beef channels the forepart of the week and an increased supply worked to push prices lower on Monday and Tuesday. However, at midweek, small receipts, a slight advance on beef prices and depleted packer inventories all factors prompting some recovery. Cows 2.00-4.00 lower. Bull steady.

Steers comprised 44 pct. of the week's receipts, heifers 34 pct. cows 6 pct., feeders 15 pct. Four day receipts 12503, week ago 11679, last year 10922.

STEERS: At the close three loads Choice 2-3, few 4's 1200-1250 lbs. 60.60-60.75. Choice 2-4 1050-1250 lbs. 59.00-60.50. Few Choice 3-4 1150-1300 lbs. 57.50-59.00, load Choice 3-4, few 5's near 1350 lbs. 57.00. Mixed Good and Choice 2-3 1050-1200 lbs. 57.50-59.00. Few Good 56.50-58.00. Few Good and Choice 2-3 1200-1400 lb. holsteins 52.00.

HEIFERS: Load Choice, few prime 2-4 near 1025 lbs. 59.00. Choice 2-4 950-1150 lbs. 57.50-58.50, load 58.75, load 58.75. Few Choice 3-4 56.50-57.50. Choice 2-3 900-975 lbs. 57.00-57.50. Mixed Good and Choice 2-3 900-1050 lbs. 56.00-57.50. Few Good 54.50-56.50.

Average of LS-214 detailed quotations for 900-1100 lb. Choice steers 59.15; 1100-1300 lbs. as compared 59.84 and 1148 lbs. A week ago average cost heifers 57.09, average weight 1008 lbs., as compared 57.55 and 1012 lbs. a week ago.

COWS: High Cutter, Utility and Commercial 1-3 36.00-37.00, few individuals and small lots 37.25-41.20. Cutter 1-2 33.50-36.00. Canner and low Cutter 31.00-35.00. Few Shelly Canner 26.00-30.00.

BULLS: 1-2 1200-1800 lbs. 47.00-52.00.

East Coast Carlot

Wednesday, Oct. 27
Report supplied by USDA

Compared to Tuesday's close: Prime special fed veal 3.00 higher. Good and Choice Boning veal steady to 1.00 lower. Lamb steady in light midweek trade. Boneless beef generally steady with last week. Beef trimmings firm with last week in narrow test.

VEAL CARCASS
300 Head
PRIME
HIDE ON

180-240 lbs. 153.00-155.00, few 152.00, 3.00 higher.

BONING TYPE
HIDE-ON
Good & Choice

Northeastern Suppliers: All steady to 1.00 lower. 65-75 lbs. 79.00-81.00; 55-64 lbs. 77.00-79.00; 45-54 lbs. 75.00-77.00; 35-44 lbs. 73.00-75.00; 34 lbs. down 71.00-73.00.

Inshipped: All steady to 1.00 lower than Monday. 71-80 lbs. 82.00-83.00; 61-70 lbs. 80.00-81.00; 51-60 lbs. 78.00-79.00; 41-50 lbs. 76.00-77.00; 30-40 lbs. 74.00-75.00.

LAMB CARCASS
5 Loads
Choice & Prime 3-4

60 lbs. down 106.50-107.00, steady.

BONELESS BEEF
4½ Loads

90 pct chem lean, fresh 116.00-116.50, 115.00 PL, generally steady.

BEEF TRIMMINGS
2 Loads

65 pct chem lean, fresh 73.00, firm.

50 pct chem lean, fresh 50.00, firm.

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Before you see us or
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4 MODELS LEFT
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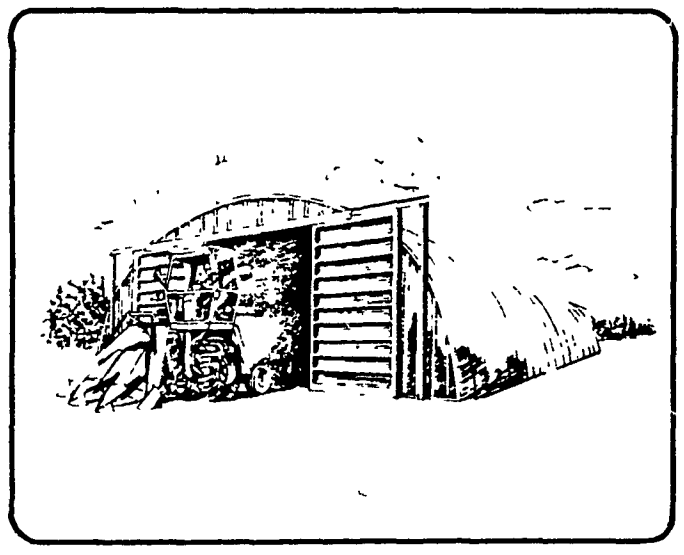

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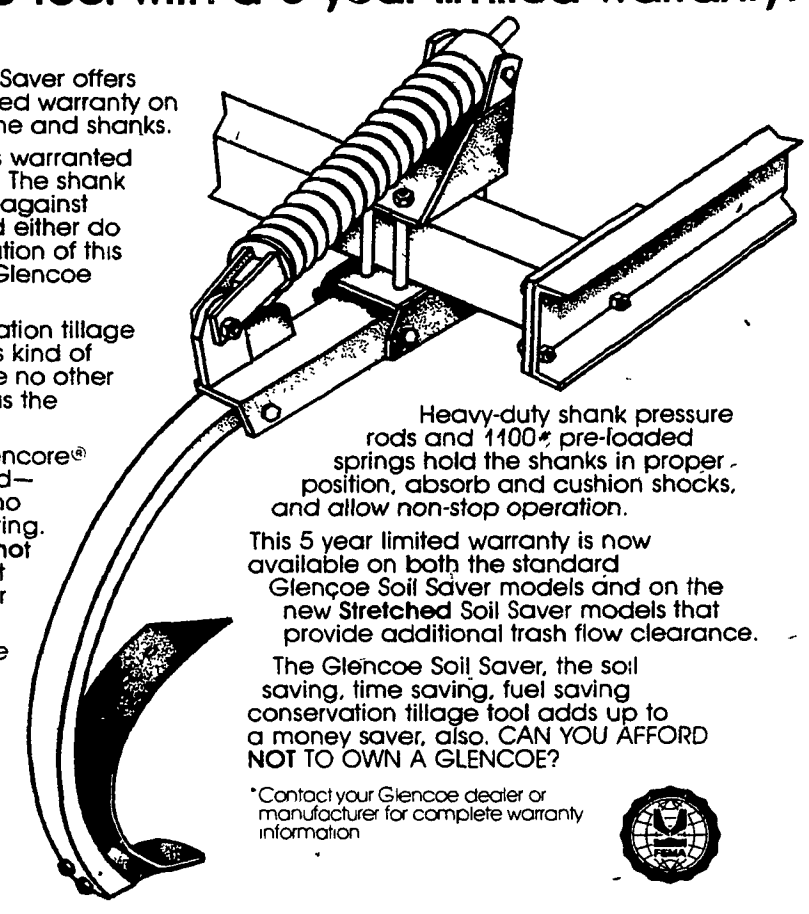
No other conservation tillage tool offers you this kind of warranty because no other is built as tough as the Soil Saver.

The weighted Glencore® frame is solid filled—*not loose filled*—no crushing—no twisting. And it is bolted—**not welded**—so that it won't crack under stress

Patented Glencoe two position Adjusto-Pitch shanks are totally adjustable to overcome the difficult trash conditions of the modern farmer.



Heavy-duty shank pressure rods and 1100# pre-loaded springs hold the shanks in proper position, absorb and cushion shocks, and allow non-stop operation.

This 5 year limited warranty is now available on both the standard Glencoe Soil Saver models and on the new **Stretched** Soil Saver models that provide additional trash flow clearance.

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*Contact your Glencoe dealer or manufacturer for complete warranty information

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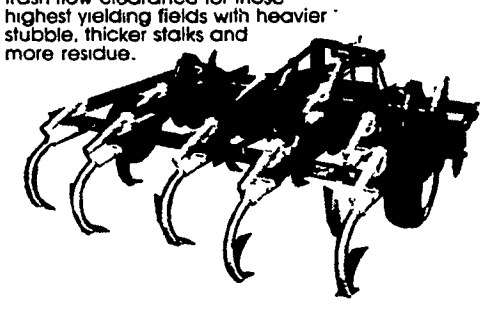

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Livestock market and auction news

Dewart Auction

Dewart, Pa.
Monday, Oct. 25
Report supplied by PDA

CATTLE 303. Compared with last Monday's market, slaughter cows 25 cents to $1.25 lower. Choice No. 2-4 975-1400 lbs. slaughter steers 58.00-61.25, one at 62.00, Good 54.50-57.50, Standard 49.00-54.50. Choice slaughter heifers 54.50-59.25, Good 50.25-54.75. Utility & Commercial slaughter cows 38.25-42.50, few to 43.75, Cutters 36.50-39.00, Canner & Low Cutter 33.50-36.50, Shells down to 25.00. One Choice slaughter bullock at 55.00. Yield Grade #1 1100-1560 lbs. slaughter bulls 47.00-53.25. Few Medium Frame #1 350-600 lbs. feeder steers 55.00-59.00; few Medium Frame #1 300-550 lbs. feeder heifers 39.00-50.50.

CALVES 191. Few Choice vealers 87.00-100.00, Good 70.00-85.00, Standard & Good 100-120 lbs. 60.00-78.00, 70-100 lbs. 46.00-56.00. Farm calves, holstein bulls 90-125 lbs. 58.00-92.00, mostly 65.00-85.00; few holstein heifers 80-130 lbs. 75.00-100.00.

HOGS 223. Barrows & gilts 75 cents to $1 lower. US No. 1-2 210-245 lbs. barrows & gilts 56.60-57.25, one lot 57.75, No. 1-3 220-250 lbs. 55.50-56.25. US No. 1-3 300-550 lbs. sows 50.00-53.00. Boars 40.00-46.50.

FEEDER PIGS 142. US No. 1-3 25-45 lbs. feeder pigs 30.00-55.00 per head.

SHEEP 10. Few Choice 70-100 lbs. wooled slaughter lambs 50.00-52.00.

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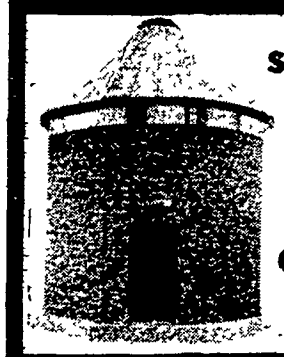

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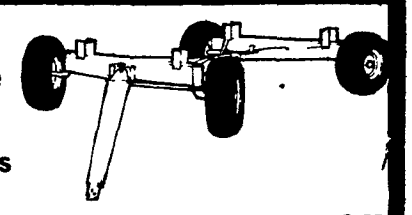

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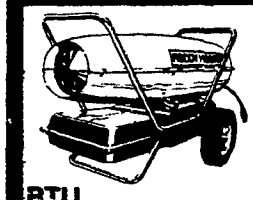
6 TON ..... Reg. $465.95.... Sale $435.95



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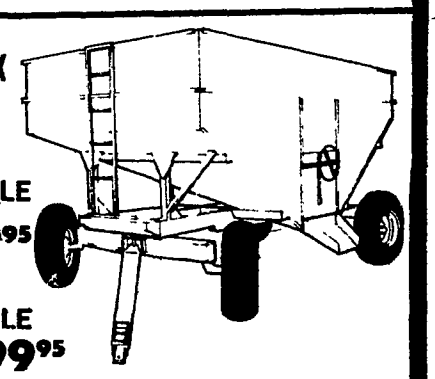
150,000	$399.95	$359.95

KORY GRAVITY BOX
Model S-165

165 Bu. Reg. $539.95 SALE $499.95

220 Bu. Reg. $635.95 SALE $599.95



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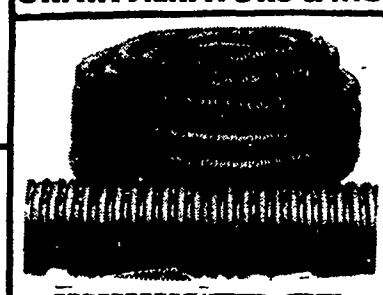

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• 4 pt. Barb Wire 12½ Ga.	$39.95	$34.95
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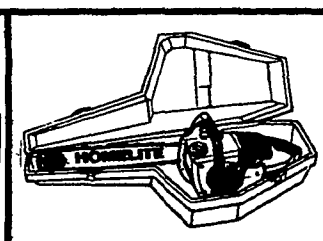

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14"...2/$19.95 16"...2/$24.95
20"...2/$26.95

Weekly Summary

Friday, Oct. 29
Report supplied by PDA

CATTLE: 6437. Compared with 6889 head last week, and 5420 head a year ago. Compared with last week's market; Slaughter steers 1.00-2.00 lower; Sl. heifers .50-2.00 lower; Sl. cows steady to 1.50 lower, most decline latter part of week; Sl. bullocks steady to weak; Sl. bulls weak to 2.00 lower. Sl. steers: High Choice & Prime 61.75-64.00; Choice 57.00-62.50; Good 52.00-59.00; Standard 45.00-54.00. Sl. heifers: Choice 53.50-60.00; Good 49.00-55.00; Standard 44.00-50.00. Sl. cows: Utility & Commercial 38.00-44.00; Cutters 35.00-40.00; Canner & L. Cutter 28.00-37.00; Shells down to 18.00. Sl. bullocks: Choice 56.00-59.00; Good 51.00-57.00. Sl. bulls: Yield Grade No. 1, 1200-2200 lbs. 47.00-55.00; few Yield Grade No. 2, 900-1300 lbs. 40.00-49.00.

FEEDER CATTLE: Steers, Medium Frame No. 1, 300-700 lbs. 52.00-63.00, few down to 42.00; few Large Frame No. 2, 700-800 lbs. 43.00-50.50. Heifers, few Large Frame No. 1, 500-700 lbs. 45.50-50.00; Medium Frame No. 1, 300-700 lbs: 35.00-48.00. Feeder Bulls, few Medium Frame No. 1, 300-750 lbs. 50.00-59.00.

CALVES: 3979. Compared with 4292 head last week and 4090 head a year ago. Vealers steady to weak. Few Prime 105.00-118.00; Choice 80.00-105.00; Good 60.00-85.00; 90-110 lbs. 48.00-58.00; 70-90 lbs. 35.00-50.00; Utility 60-100 lbs. 20.00-45.00.

FARM CALVES: Hol. Bulls 90-120 lbs. 55.00-85.00; Hol. Heifers 90-125 lbs. 70.00-112.00.

HOGS: 5687. Compared with 6367 head last week and 8348 head a year ago. Barrows and gilts .50-1.00 lower. US No. 1-2 200-245 lbs. 56.00-58.00, No. 1-3 200-255 lbs. 54.75-57.00; No. 2-3 230-280 lbs. 52.00-55.00; Few No. 1-3 130-190 lbs. 45.00-50.00; Sows steady to 1.00 lower. US No. 1-3 300-650 lbs. 50.00-55.00; few No. 2-3 400-700 lbs. 46.00-50.00. Boars 40.00-47.00.

FEEDER PIGS 1162: Compared with 1081 head last week and 1520 a year ago. Feeder pigs unevenly steady. US No. 1-3 25-35 lbs. 25.00-45.00; No. 1-3 35-55 lbs. 35.00-59.50.

GRADED FEEDER PIGS: 1975. Compared with 3065 head last week, and 2043 head a year ago. All sales by CWT. Feeder Pigs 6.00-15.00 lower, spots 22.00 lower. US No. 1-2 25-40 lbs. 117.00-146.00, 40-50 lbs. 104.00-137.50, 50-60 lbs. 90.00-136.00, 60-90 lbs. 78.00-110.00; US No. 2-3 25-40 lbs. 105.00-132.00, 40-50 lbs. 96.00-118.00, 60-70 lbs. 88.00-94.50 per hundredweight.

SHEEP: 649. Compared with 1068 head last week and 722 head a year ago. Wooled sl. lambs unevenly steady. Choice 60-110 lbs. 48.00-60.00; Good 50-100 lbs. 37.00-50.00. Sl. ewes: 9.00-25.00.

Belleville Livestock

Belleville, Pa.
Wednesday, Oct. 27
Report supplied by PDA

CATTLE 123: Compared with last Wednesday's market, slaughter cows 1.00-2.00, spots 3.00 lower. Few Standard & Good slaughter steers 49.25-55.25. Utility & Commercial slaughter cows 37.00-40.50, couple to 42.50, Cutters 34.75-36.75, Canner & Low Cutter 30.00-35.00, Shells down to 22.50. Few Yield Grade #1 1370-1600 lbs. slaughter bulls 51.85-53.50.

CALVES 154: One Choice vealer at 87.00, Standard & Good 70-105 lbs. 42.00-50.00, few Utility 50-80 lbs. 35.00-40.00. Farm calves, holstein bulls 90-135 lbs. 55.00-100.00; few holstein heifers 75-115 lbs. 52.00-88.00.

HOGS 119: Barrows & gilts 1.75 lower. US No. 1-2 220-245 lbs. barrows & gilts 55.10-55.85, one lot 56.00, No. 1-3 215-260 lbs. 54.25-55.00. Few US No. 1-3 395-525 lbs. sows 49.00-54.00. Few Boars 40.00-48.00.

FEEDER PIGS 280: US No. 1-3 25-45 lbs. feeder pigs 32.50-52.50 per head, No. 1-3 45-60 lbs. 50.00-55.50 per head.

SHEEP 12: Good & Choice 45-85 lbs. wooled slaughter lambs 46.00-50.00. Holstein Dairy Cows 740.00-1100.00 per head.

GOATS 10: 15.00-43.00 per head.

Joliet Cattle

Thursday, Oct. 28
Report supplied by USDA

CATTLE: Friday through Wednesday's salable receipts 3,200; 5 days last week 3,700; same period a year ago 3,379. Trading moderate to moderately active for the week. Slaughter Steers ended the week mostly steady compared with Wednesday of last week. Slaughter Heifers ended the week .50-.75 higher. Cows closed the week 2.00 lower.

SLAUGHTER STEERS: Mixed High Choice and Prime 3-4 1125-1350 lbs. 59.00-60.50 Monday; 59.25-61.00 Wednesday. Choice 2-4 1050-1350 lbs. 57.50-59.00 Monday; 57.50-60.00; mostly 58.50-59.50. Mixed Good and Choice 2-3 1000-1200 lbs. 56.50-57.50. Choice 2-3 1300 lbs. Holsteins 53.75-54.00 Monday.

COWS: Cutter & Utility 1-3 37.00-39.00 Monday; 35.00-37.00 Wednesday.

Oklahoma Cattle

Oklahome City
Thursday, Oct. 28
Reports supplied by USDA

CATTLE 2,600: Trade slow, demand light. Late sales feeder steers and heifers 2.00-3.00 lower. Majority receipts medium frame 1, mixed 1-2 and 2 300-700 lb. feeder steers and 300-500 lb. feeder heifers.

FEEDER STEERS: Medium few large frame 1 300-400 lb. 60.00-64.00, small lot 333 lb. 67.00; 400-500 lb. 58.50-61.60; 500-600 lb. 58.00-61.40, small lot 501 lb. 62.50; 600-700 lb. 58.00-60.90. Small frame 1 450-500 lb. 57.00-57.75; 520-600 lb. 54.25-55.25. Medium and large frame mixed 1-2 pkg. 293 lb. 56.80; 370-500 lb. Few medium and large frame 2 300-400 lb. 57.40-58.60. Medium and large frame 2 300-400 lb. 52.25-56.25; 500-550 lb. 54.00-55.75. Large Frame No. 2 Holsteins 580-810 lb. 46.40-47.90.

FEEDER HEIFERS: Medium frame 1 300-400 lb. 49.50-53.50, small lot 325 lb. 56.75; 400-500 lb. 49.00-53.10; small lot 575 lb. 50.30; 600-700 lb. 50.40-56.10.

Small frame 1 350-500 lb. 47.50-48.25. Medium and large frame mixed 1-2 package 365 lb. 50.10; 400-500 lb. 47.00-49.20; few 520-650 lb. 48.40-49.00. Medium and large frame 2 300-575 lb. 45.00-47.75.

FOR THE WEEK: Compared to late last week feeder steers and heifers closed 2.00-3.00 lower. Slaughter cows steady to 50 cents lower with limited Thursday sales of Utility and Commercial 2-4 35.25-37.50; Cutters 1-2 few 32.75-35.25; Canners and low-cutters 30.25-32.00. Bulls were about steady in limited test with YG 1 1300-1450 lb. 45.90-50.00, pkg. 1101 lb. thin 43.10; Tuesday 6 head of high dressing 2015 lb. bulls topped the market at 54.00. Salable receipts this week near 27,550 head compared with 32,268 head last week and 24,727 head last year. The bulk of supply or 91 percent, consisted of feeder steers and heifers; cows and bulls numbered 1,450 head and made up nine percent of estimated receipts.

Lancaster Ag Council hears farm crime reports

LANCASTER — Farmers may have to look at occasional thefts of their property, such as livestock or tools, as "one of the costs of doing business" in the opinion of assistant District Attorney of Lancaster County Joe Madenspacher.

Madenspacher was one of a trio of panelists discussing problems of farm crime during the regular quarterly quarterly meeting of the Lancaster County Agriculture Council, hosted by the Chamber of Commerce. Other panelists were Corporal Carl Harnish of the state police, and farm wife Joyce Bupp.

The assistant District Attorney noted that at one time he found it difficult to believe farmers could identify such property as livestock or tobacco bales just by looking at it. Experience, however, has shown Madenspacher that farmers do know their property quite well and can readily pick it out from other, a similar items.

"Farmers are vulnerable," he advised the Council. He admitted, however, that he saw no real solution to the problem, citing such reasons as a lack of security around scattered farm buildings and property, and distance to outlying pastures, fields and barns.

Noting that between 90 and 95 percent of rural crime is committed by amateurs, Madenspacher suggested that measures taken to make theft and vadalism more difficult will discourage most intruders. Shooting at intruders, unless the property owner's life or anothers' life is threatened, is against the law, and can lead to an arrest for deadly assault.

According to Corporal Harnish, state police investigated some $328,000 in theft and burglarly in Lancaster County this year. He emphasized the importance of identifying property, using a social security or operator's license number.

If an operator's license number is used, initials designing the state in which that license is held preceed the numbers. Thus, a Pennsylvania licensee would engrave "PA" before indentification number. Should stolen property turn up in another state, tracing becomes much faster.

Farm owners should keep a list of serial and model numbers on all major pieces of equipment, updating it as additions or trade-ins are made. Guns, according to Harnish, are a "big item" of theft, and numbers from them also should be listed.

Such identifying numbers, in the event a marked item is stolen, can be entered in a nationwide computer system which lists stolen property and theft recoveries. Some 9.5 million items are currently listed on the computer's active records.

Harnish encouraged farmers to use locks, lights and dogs as crime deterrents. And, while he didn't necessarily recommend the procedure because of personal risk, property owners do have the right to detain an individual until police arrive, if they suspect unlawful entry or stealing.

Farm woman Joyce Bupp related personal experience with livestock, equipment and supply thefts on York County dairy farm, and those of neighbors in southern York County and northern Maryland.

Pa. milk production up

HARRISBURG — Milk production in Pennsylvania during September 1982 totaled 762 million pounds, up three percent from a year earlier according to the Pennsylvania Crop Reporting Service.

The number of milk cows in the Commonwealth averaged 733,000 head, up 8,000 from a year ago. Milk production per cow averaged 1,040 pounds in September, up 20 pounds from a year ago.

Milk production in the state during the July-September quarter totaled 2.3 billion pounds, three percent above the comparable period in 1981 but four percent below the April-June 1982 quarter. Milk production per cow for the quarter averaged 3,166 pounds, 65 pounds more than in the third quarter last year. Total milk cows in Pennsylvania averaged 729,000 head during the quarter, up 7,000 head from the 1981 July-September average.

Grain and other concentrations fed to milk cows in the Commonwealth on Oct. 1, 1982 averaged 14.8 pounds per head, down 0.7 pounds from Oct. 1, 1981. The value of grains and other concentrates fed to milk cows on Oct. 1, 1982 averaged $8.10 per hundredweight, down 50 cents from a year earlier.

Milk production in the United States during the July-September quarter totaled 33.8 billion pounds, two percent above the comparable period in 1981 but five percent below the April-June 1982 quarter. Milk production per cow for the quarter averaged 3,070 pounds, 42 pounds more than in the third quarter last year. Total milk cows in the United states averaged 11.0 million head during the quarter, about one percent more than the July-September 1981 average.

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Correct semen handling critical to good conception

UNIVERSITY PARK — What does it cost today's dairy farmer for each day a cow remains open after 90 days following calving?

"The average cost is approximately $2 per day," says Michael L. O'Connor, Penn State Extension dairy specialist. "Of course, this figure will vary depending on production losses, the cost of additional services, whether or not replacement heifers have to be purchased, and added veterinary expenses."

Improper handling of semen can lower conception rates and contribute to excessive days open. He offers the following tips to dairy producers who do their own A.I. breeding:

- Use a reliable thermometer to prepare a water bath for thawing a straw of semen. Most A.I. organizations recommend a water temperature of 90-95 F.
- Raise the canister into the neck region of the tank just high enough to locate the correct cane. The canister should be kept in the lower half of the neck region so that the temperature of the remaining straws stays below -112 F.
- Use forceps to raise the cane and grasp it with one hand and quickly remove the desired straw from the goblet using the forceps.
- Place the straw into the water bath and thaw for the time recommended by the breeding organization.
- Check the straw for bull name and number, dry it thoroughly with a paper towl, and protect it from cooling.
- Cut the straw squarely and load it into a clean, warm and dry inseminating device.
- Make sure the insemination device remains warm and make a clean entry into the cow.

O'Connor says the purpose of good semen handling is to provide the most live sperm possible for insemination. Sound thawing procedures have been tested by A.I. organizations and land-grant university specialists. The techniques have resulted in improved rates of conception.

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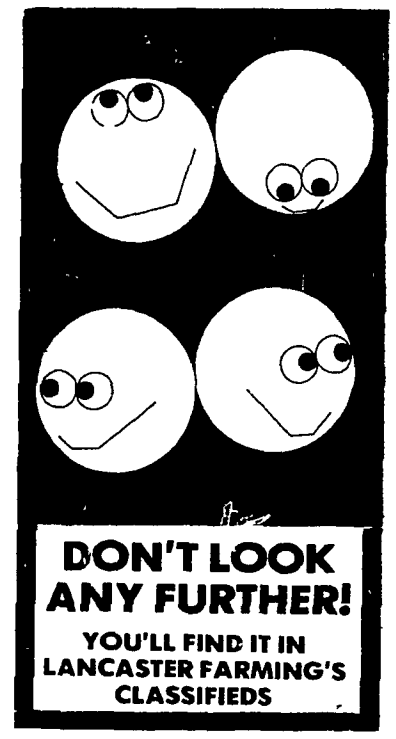

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**These data are derived from a review of 948 comparisons from published university experiments. Only those comparisons using recommended label rates for soil texture and organic matter content on field corn were included. A grower's actual results may vary depending on use conditions.

LAS-2-200

Holly Milk Co-op hosts wastewater treatment plant tours

BY BETH HEMMINGER
Staff Correspondent

MT. HOLLY SPRINGS — In the late summer of 1978, Mt. Holly Springs, Cumberland County, witnessed the planning, design and construction of the Holly Milk Cooperative production plant.

Today, this dairy plant processes an average of 1.5 million pounds of milk a day, manufacturing it into powder and butter. It also is the home of a sophisticated wastewater treatment system. However, during those first few years of operation, the industrial wastewater treatment plant was not producing a satisfactory discharge into the local stream, Mountain Creek. Therefore, corrections had to be made at the wastewater plant to pass the regulations of the Pennsylvania Department of Environmental Resources.

Since that time, Holly Milk Cooperative has been pioneering technology under the scrutiny of public officials and concerned citizens in upgrading the original activated-sludge treatment facility. This past summer, Holly completed the upgrading by installing a fully-equipped laboratory and making major modifications to the physical plant.

During a recent tour of the facilities with interested citizens and suppliers to Holly Milk, Bill Schreiber, technical manager of the production facility explained the step by step operation of the treatment plant.

The first step begins when the tanks, silos and equipment is rinsed and cleaned, he said. Ninety percent of the water treated in Holly's wastewater plant contains milk by-products. The other ten percent contains diluted cleaning materials such as detergents and lubricants.

The plant uses the activated-sludge system to biologically treat all plant water before it is discharged into the creek, which means that the activated sludge bacteria digest the milk by-products such as the milk protein and sugar. In Holly's treatment plant, the milk by-products and detergents from the food supply for bacteria living in the system; and as the bacteria live, they remove food from the wastewater, cleaning the water.

However, the process is not quite that simple, Schreiber pointed out. Bacteria need oxygen to live, and volumes and strengths of the bacteria must be controlled. Also, the bacteria cannot eat an unlimited amount of food. The amount of food the bacteria consume depends upon how long they are allowed to eat, how much oxygen is in the water and the balance between the number of bacteria and the amount of food. So, to clean the wastewater, all of these factors must be taken into consideration.

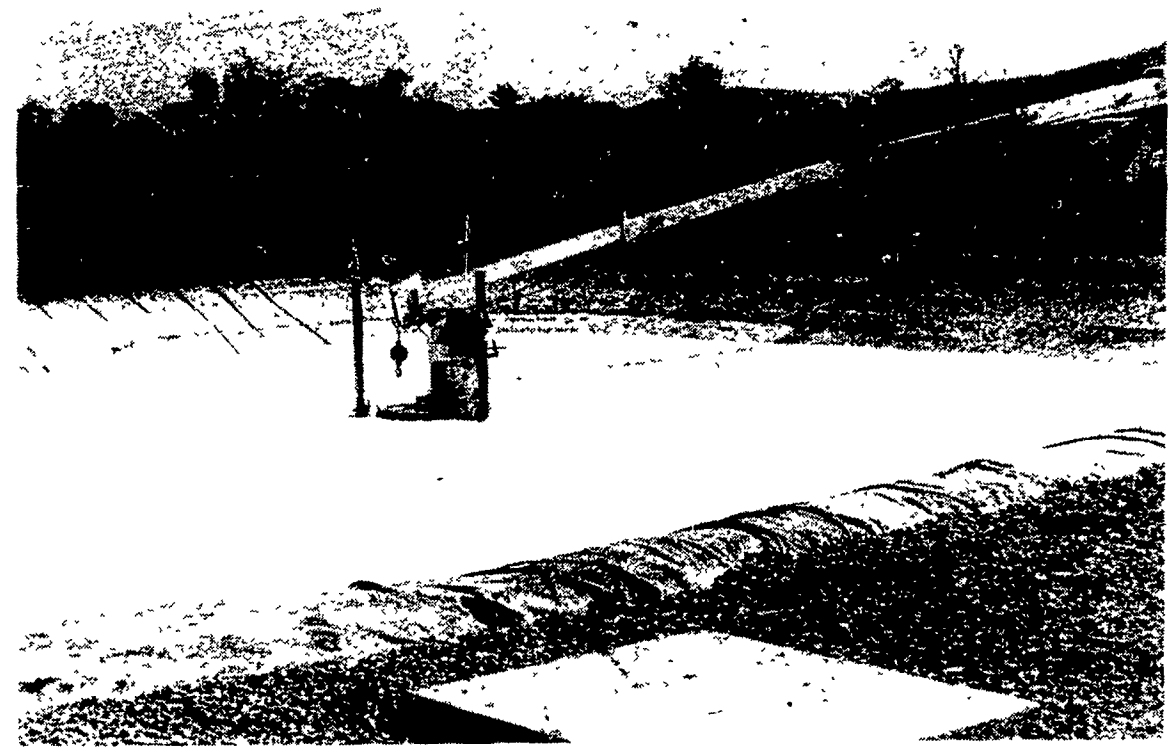
The cleaning process begins once the wastewater has left the milk processing plant via drains. It enters a metering chamber which records the volume and times, then it flows into the equalization basin. The equalization basin balances the flow of the water into the cleaning system.

From the equalization basin the wastewater moves to the first-stage aeration tank, which is the heart of the treatment process. This wastewater is the life support system for the bacteria as is the oxygen that is blown into the tank. Once the bacteria, water and oxygen meet them immediately begin to feed on the waste material. A mechanical agitator keeps the bacteria scattered throughout the water which is one way to increase the total surface area of available oxygen for the bacteria to live and multiply.

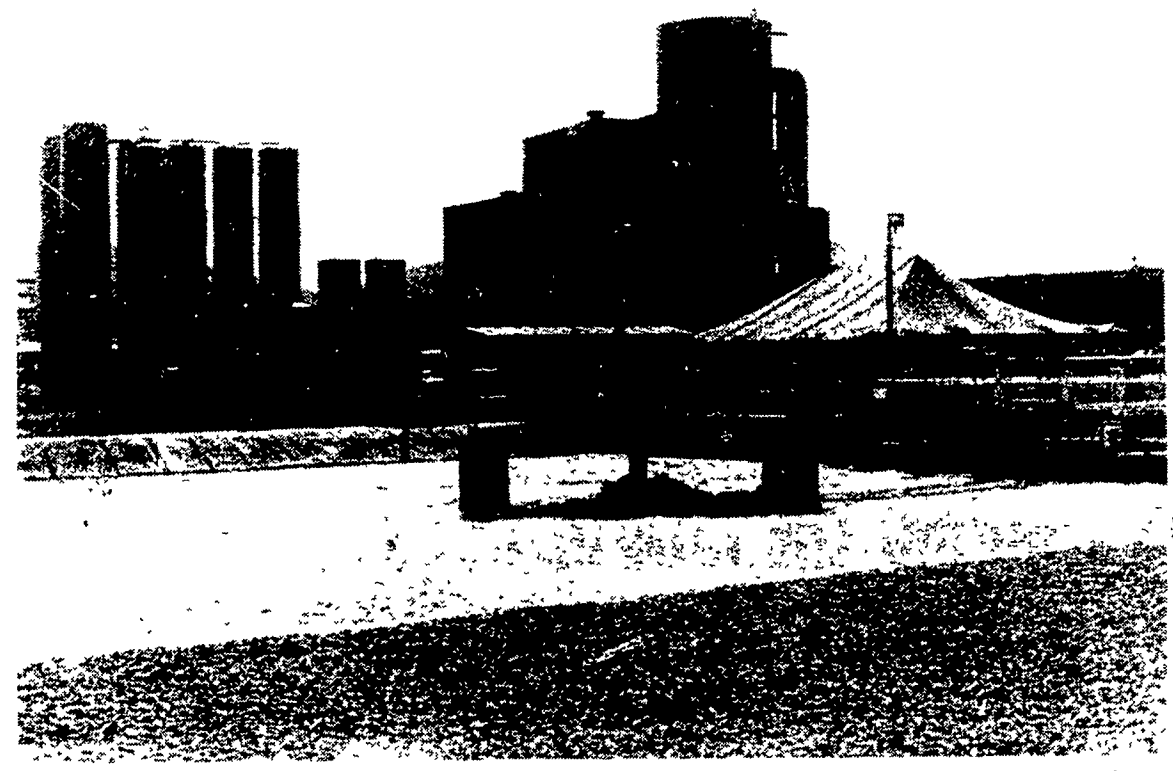
The second step in the process is the first-stage clarifiers which operates in conjunction with the first-step aeration tank. A collection mechanism thickens the bacteria solids which makes most of the bacteria settle to the bottom (which is known as sludge) while some bacteria remains afloat and returns to the aeration tank for retreatment.

Once in the clarifier the activate sludge continues to grow. But since there is no food in the clarifier, the starved bacteria settles to the bottom. Then the bacteria is either collected or returned to the aeration tank for retreatment.

The liquid remaining from the sludge then flows to a second stage clarifier and the process is repeated until the wastewater is thoroughly cleaned. Finally, additional oxygen is added to the water before it is discharged into Mountain Creek.



The first step of the cleaning process. The wastewater first enters the equalization basin which balances the flow of the fluid into the system.



This is the aeration tank, the heart of the treatment process. At this step, the water is bubbling and foaming because of a series of blowers, a mechanical agitator and a compressed air injector that keeps the bacteria scattered throughout the water enabling the bacteria to eat the waste material at a healthy, rapid pace.

The waste material that remains after the water, the sludge, is also then disposed of. Holly's sludge is concentrated to two percent solids (98 percent water) before being applied to the land as fertilizer.

Currently over 100 acres have been approved by the Pennsylvania Department of Environmental Resources Solid Waste Management Division for sludge disposal. The sludge is normally injected into the soil but is occassionally spread on the land.

In order to ensure that the plant operates within its permit bounds, Holly maintains an on-site laboratory, part of the upgrading of the original plant, equipped to test for all parameters regulated by DER.

Bill Shreiber also stated that DER representatives conduct routine site inspections, at least twice a month, to ensure that the Holly system operates within accepted limits.

Holly Milk's, Bill Shreiber, technical manager of the production facility, explains to milk suppliers and interested citizens the step-by-step process of the wastewater treatment plant.

Corn, soybean harvest underway

HARRISBURG — Statewide, five days were rated suitable for fieldwork for the week ending Oct. 24 according to the Pennsylania Crop Reporting Service. Five days were rated suitable in each region.

Activities for the week included harvesting of corn silage, soybeans, corn for grain, potatoes, pumpkins and apples; plowing; and planting wheat and rye.

Topsoil moisture in Pennsylvania was rated adequate by 52 percent of the reporters and short by 48 percent.

By the end of the week, 64 percent of the corn crop was mature and 31 percent was harvested compared with last year's average of 54 percent mature and 43 percent harvested. Corn silage was 93 percent harvested, the same as last year at this time.

Soybean harvest was 35 percent complete at week's end compared with 42 percent harvest at this time last year.

Statewide, 94 percent of the potato crop was harvested compared with 90 percent harvested last year. In the northern region 93 percent was harvested, in the central region 94 percent was harvested, and in the southern region the potato harvest was virtually complete.

By the end of the week 95 percent of the wheat crop was planted compared with 93 percent last year. In the northern region 95 percent was planted, in the central region planting was virtually complete, and in the southern region of the state 92 percent was planted.

Statewide, fall plowing was 93 percent complete compared with last year's average of 91 percent. In the northern region 91 percent was complete, in the central region 95 percent was complete, and in the southern region 92 percent was complete.

By the end of the week fourth crop alfalfa was 68 percent harvested compared with 69 percent last year. In the northern region 62 was harvested, in the central region 66 percent was harvested and in the southern region of the state 72 percent was harvested.

The quality of hay made during the week was rated fair by 65 percent of the reporters, good by 18 percent and poor by 17 percent. The amount of feed obtained from pastures was rated average by 50 percent and below average by 50 percent.

York Holstein breeders unveil new award

DALLASTOWN — Holstein breeders of York County have started what they hope will become a tradition at their annual meeting, the honoring of members into the newly initiated York County Holstein Hall of Fame.

Before 130 members and guests attending the Oct. 21 banquet at Blymire's Church a plaque honoring Mabel Z. Risehl and Margie Gruver was unveiled, with additional names to be added in the future.

The two honored farm wives were chosen for their years of behind-the-scenes support of the Holstein and dairy industry, and for the examples they set of inspiration and dedication to the family farm.

Spry at age 92, with a ready sense of humor, Mabel Rishel, R22, York, retains her long-time interest in the progress and ac-

(Turn to Page A24)

The family of Margie Gruver accepted her certificate honoring the York farm woman as a member of the York County Holstein Hall of Fame. Accepting the award from president Doug Cope, left, are her children Pearl Laughman and Francis Patterson, and grandson Phil Laughman, center.

For her years of devotion to the family farm and inspiration to the Holstein association membership, Mabel Rishel was named to the York County Holstein Hall of Fame. Making the award presentation was county president Doug Cope.

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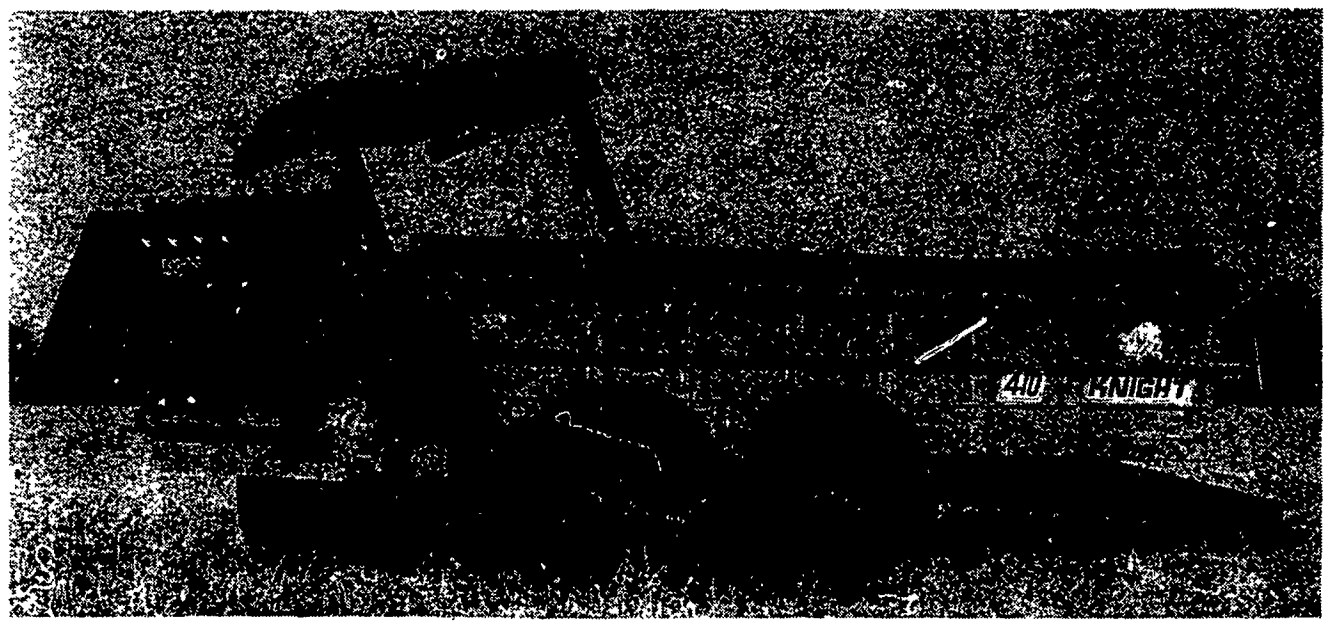

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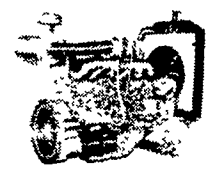

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Md.-Va. Milk Producers analyze assessment

BY BETH HEMMINGER
Staff Correspondent

CARLISLE — Tuesday evening at the local annual meeting of the Maryland and Virginia Milk Producers Association, James Glick, general manager, told members that the Association is discouraging the addition of any new shipping members into the Association due to many unsettling economic factors.

He said, "First the 'price-deal' for milk is a little vague and the market place itself is tough to figure out. Secondly, we at Maryland and Virginia have put together over the years facilities and services to handle a certain amount of producers; and now with cutbacks in price coming from the support program and surpluses of milk across the United States, we feel it is advantageous for us to serve our present suppliers as best we can."

Click gave no definite plan for dairymen to follow during this time of cutbacks, reductions and surpluses. He only said that the Maryland and Virginia Association is going to follow the same game plan as always.

Click said, "We will tell you what the market place is like now and we will tell you what we see it is going to be like. And then you, the dairyman, will have to make your decisions because you know your own situations best."

The general manager did offer a glimmer of hope for the members in the "gray cloud." He stated that, with all the Association's figures before him, he sees that the Maryland and Virginia Milk Producers will have a good operating year and should show better figures overall than last year for the remainder of 1982 and 1983.

Click stated that the overall market place picture looks "vague" right now. He told the group that the federal support program is trying to correct the problem of surplus with price reduction on the supplier's side. He said that after government elections are over he feels that the federal support program will "lower the boom." Click stated that by Dec. 1, a 50-cent price reduction per hundred pound of milk will be in effect and could be followed by another 50-cent reduction in April.

Click remarked, "Right now we have 10 percent to much milk in this country and the support program hopes to solve it with the reduction. However I feel it will take a couple of years to really make a 10 percent correction that the farmer can live with."

Click said he believes in the 8 to 10-year cycle and feels that the farmer is at the end of that cycle now, evidenced by price reductions and farmers going out of business. He said records show that in 1973, nine years ago, the Association had put a hold on accepting new shippers and during that time many small dairymen were going out of business. "There is hope for the future," said Click.

The election of a representative and director took place during the meeting with more than 100 members present.

Paul Hornbaker, Cumberland County, was re-elected as director for the district. As director he will fill a three-year term. A representative also was elected at the meeting due to the increase in membership in the district. The representative was selected from a five-county area of Huntingdon, Juniata, Snyder, Perry and Union in which half of the district's members live.

Ken Benner, Perry County, was elected as the representative for those counties.

USDA to require producers to certify Tobacco not "nested"

WASHINGTON, D.C. — The U.S. department of Agriculture will now require tobacco producers to certify in writing that any tobacco they deliver for price support has not been "nested."

According to Everett Rank, executive vice president of the Commodity Credit Corporation, "nested" describes any lot of tobacco offered for official inspection which has been loaded, packed or arranged to conceal foreign material or tobacco of inferior grade, quality or condition.

Rank said the change will apply to the 1982 and subsequent crops of quota tobacco, except the 1982 crop of flue-cured for which marketing is nearly completed.

If the CCC determines that a producer knowingly delivered nested tobacco, CCC will not give that producer price support for any tobacco marketed during the marketing year in which the false certification occurred, Rank said.

York Holstein

(Continued from Page A23)

complishments of the Holstein breeding industry. After her attendance at 36 consecutive national conventions, in addition to numerous state events, she's become a familiar and loved figure among Holstein enthusiasts across the country.

Mabel and Norman Rishel began dairying in 1916, a year after their marriage, with a dozen cows. Each of their five children grew up learning to help with the varied farm chores. In addition to her assistance on the farm, Mabel "put up" as many as 700 quarts of food annually to feed her family and extra hired help.

The Rishel's were instrumental in helping to found the county Holstein Association and in hosting various related functions. Progressive from the beginning, in 1929 the Rishels won the honored title of Master Farmer. Norman Rishel was both a county officer and state director of the Holstein Association for many years.

Their high production herd was one of the first tested and classified in the county, and they were named Progressive Breeder winners from 1946 through 1952.

"Rag Apple Constellation," the Rishel's herd sire, was rated the highest in the state at one time. At their 1952 dispersal sale, which averaged $900, the bull sold to Western Pennsylvania Breeders Cooperative.

After attending a state convention of the Pennsylvania Society of Farm Women in 1930, Mabel Rishel founded the first Farm Women's society in York County. A charter member and president of Society #1, she later served as president of both the county and state societies as well, and continues her interest in both Farm Women and Holstein Association events.

Margie Patterson was a widow with two small children, when in 1931 she married Holstein dairyman Jonas Gruver, a widower with three children.

By the 1940s, their Holtzschwaam Holsteins were well known across Pennsylvania through the Cruvers' involvement in state Holstein meetings and show ring winnings. On the tanbark circuit, truckloads of Holtzschwaam Holsteins regularly traveled to York, Allentown, Bloomsburg and the state Farm Show, plus occasional exhibits at the Timonium show.

They took the Farm Show bull championship in two consecutive years with "Osborndale Sir Hubert Lochinvar, and exhibited the grand champion female at the Bloomsburg show.

After a partial production dispersal in 1946, the Grovers' Thomasville area herd rebuilt and continued actively milking and showing until the complete dispersal in 1961. Margie and Jonas Gruver remained active in Holstein circles until his death in 1975. She is currently a guest at the Brethren Home at New Oxford, and due to poor health was unable to attend the Hall of Fame program. In her absence, a certificate of recognition was accepted by her children, Peal Laughman and Francis "Pat" Paterson, and her grandson Philip Laughman, a York County Holstein breeder.

During the brief business meeting led by president Doug Cope, three new directors were elected to the board. Chosen for three-year-terms were C. Martin Heaps, R1 Fawn Grove, Jeffrey Wolgemuth R6 York, and Leroy Bupp R2 Seven Valleys.

Recognition and show supply gift certificates went to winners at the Junior Holstein Association's annual summer fitting-showing workshop. Champion fitting team was David King and Cory Lawrence, while showmanship wins went to Lesley King, Patty Bupp and Denise Godfrey. — JB

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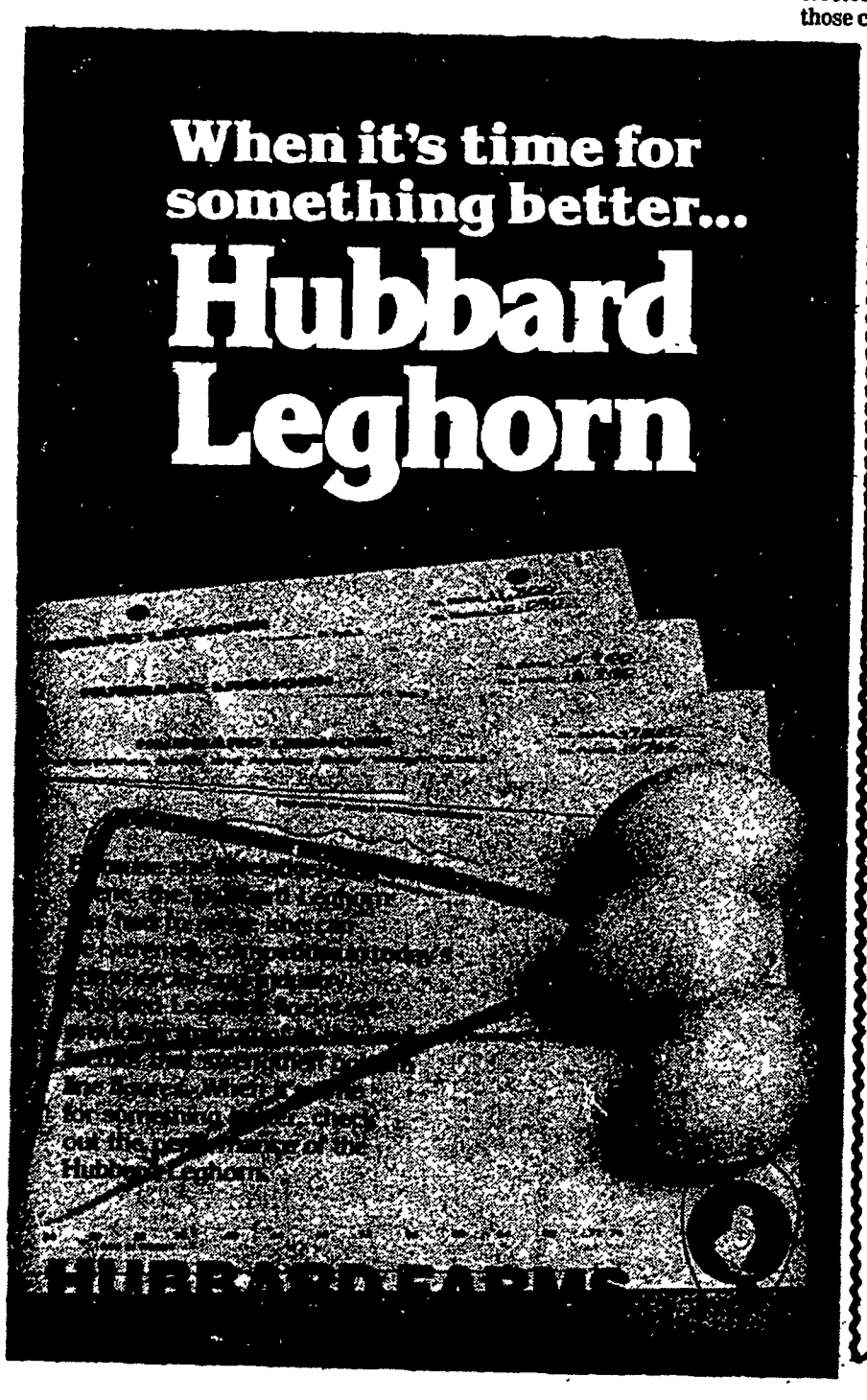

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Know the law about children driving tractors

BY SALLY BAIR
Staff Correspondent

LANCASTER — With the harvest season well underway in most parts of the state, the pressure is on to finish those fields before bad weather sets in and the crops deteriorate.

This pressure often has farmers pressing into service every available hand, including children who are unlicensed, to move equipment from the fields to the barn.

Inexperienced, unlicensed drivers can pose a hazard — both to themselves and to others, and in some cases they may be helping with the necessary harvest and breaking the law unknowingly.

If your child is under 16 years of age, there are circumstances under which he or she can legally drive on the highway. However, the law is very specific, and there are cases where the child could be subject to arrest after leaving the home farm.

According to State Police Trooper Romaine Engle, Section 1502 of the Vehicle Code states that "any person 14 years of age or older operating an implement of husbandry" is exempt from licensing. "Persons 14 or 15 years of age are restricted to the operation of implements of husbandry on one and two lane highways which bisect or immediately adjoin the premises upon which such person resides."

Trooper Engle emphasizes, "No one under 14 years of age is allowed to drive on the highway. This doesn't exempt someone who is under 14 who is driving perpendicular across the highway."

She pointed out that the berm is also considered part of the highway, and using the berm to move farm equipment follows the same law as using the highway. She noted, however, that a field alongside a berm can be used legally by an unlicensed, underage driver.

She added, "When I was on patrol I didn't really see that many violations. If I saw someone who looked underage I would pull them over and talk to them. Violatiens don't come to light until an accident occurs and someone is called to investigate."

If there is an accident involving an unlicensed driver who has violated the vehicle code, the penalty can be strict. There is an automatic $25 fine plus $10 costs. If a person is arrested under Section 1501 which relates to licensing, the fine could be as high as $220. Furthermore, if young people are arrested under this section, the further problem is that they run the risk of losing the ability to apply for a license when they reach age 16, according to Engle.

Patrolman Den Van Bibber of the West Hempfield Township police department pointed out a further consequence of a violation. He said that, if an accident involves a death, the driver is charged with homicide.

Although there have been two recent incidents of arrests in his township, Van Bibber concurred with Trooper Engle and said the police get involved with unlicensed drivers almost only when there is an accident.

Van Bibber said he feels problems which are just as serious involve leaving manure on the highway and driving without properly lighted equipment and slow moving vehicle signs. He said, "Farmers should use emblems for their own protection."

He noted that the law says that all "implements of husbandry and special mobile equipment designed to operate at 25 miles per hour or less and all animal-drawn vehicles" must display the slow moving vehicle emblem. This is in addition to any other lights required by law.

Jim Cox, public information officer for the State Police, said that in 1981 there were 98 vehicles involved in accidents which were farm tractors or motorized vehicles. Seven of these were fatal, 59 involved injury and 32 involved property damage.

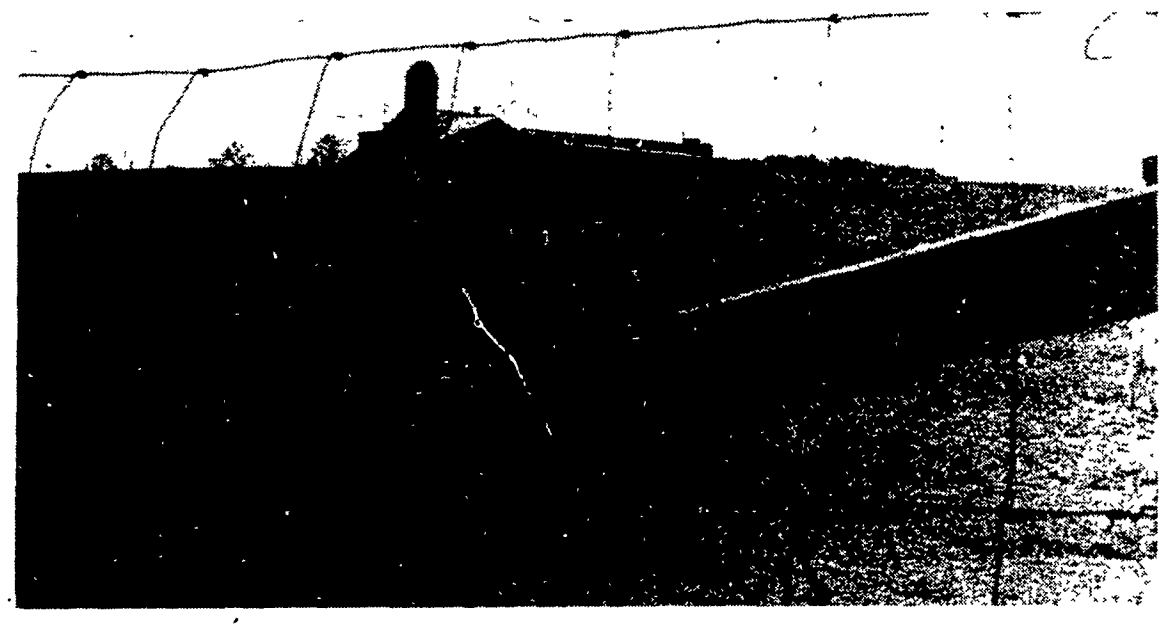
He said, "This is very few when you consider there are over 7 million registered motor vehicles in the state." Records do not show what percentage of these accidents involved underage, unlicensed drivers.

He concurred with Patrolman Van Bibber and said that slow moving vehicle symbols, properly displayed, are important in preventing accidents. "All farmers should have their vehicles properly signed," he said.

County Extension Agent Jay Irwin pointed out that there are other laws which apply to operating hazardous farm equipment, outlined under the federal hazardous occupation law. He said that under age 14 the only place a boy or girl can drive a piece of farm equipment is on the farm. Other limits on operating hazardous equipment are outlined, and there is a course available through vocational agricutlure departments and through the 4-H tractor driving course which leads to a certificate for underage drivers.

Irwin noted that farmers who operate in violation of that law may find it difficult to collect on insurance should the necessity arise in case of accident. More information on this law can be found in a bulletin available form the Extension office.

The law is written to ensure safe operation of farm vehicles. Safety combined with common sense should prevent any serious accident from occurring on the highways during this harvest season.



Although winter is not far away, a group of Chester County Holsteins make the most of a warm Indian Summer afternoon.

Poultry Banquet

(Continued from Page A1)

made 500 omelets at Harvest Days in downtown Lancaster. Irwin encouraged poultrymen to participate in the upcoming Ag-Industry dinner. He commended the Association for working with the County Commissioners in having August proclaimed Poultry Month, and is sponsoring a chicken barbecue in which members could get acquainted with local legislators and the Commissioners.

With the poultry industry contributing over $167 million to the Lancaster County economy, Irwin told the audience they could be proud of their program.

Mrs. Vernon Leininger presented a check to President Meck in the amount of $1,607 from the food stand the Association sponsored at the Ephrata Fair.

Entertainment was provided by Jay Stoltzfus, noted local magician, who kept the audience "wondering" as he performed tricks of illusion.

Lancaster County's poultry queen Darlene Musser, daughter of Mr. and Mrs. Irvin Musser, Mount Joy R1, reported on her activities representing the industry.

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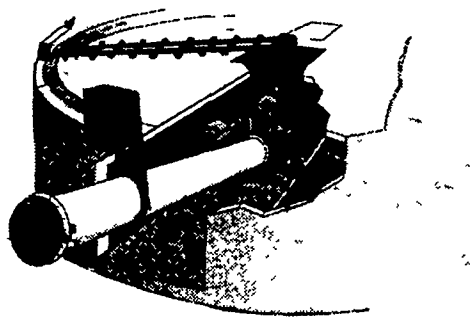

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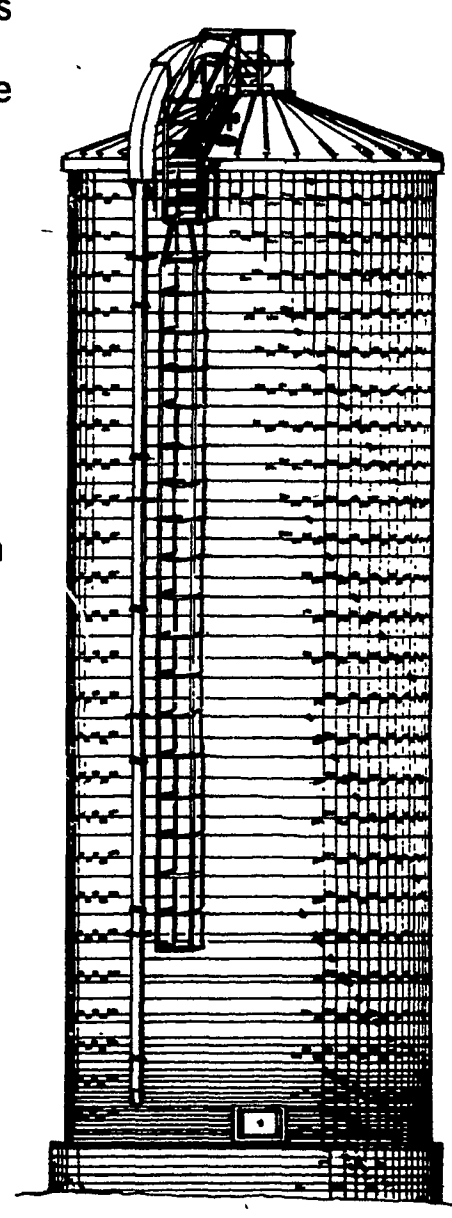

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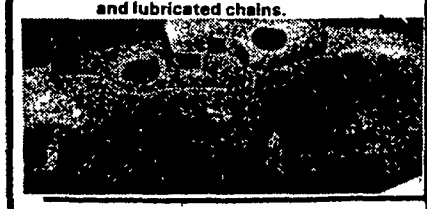

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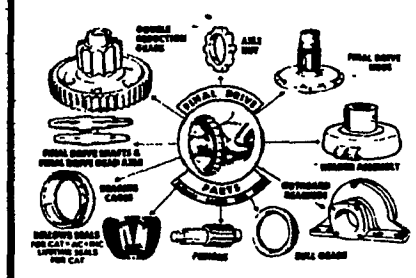

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Governor, Grange

(Continued from Page A1)

dairy cattle; to suggest the state secretary of agriculture implement a program of education for school cafeteria personnel and milk handlers on handling milk to enhance and preserve its good quality; to request PennDOT exempt milk haulers from bonding the roads they travel; to recommend to the state and national secretaries of agriculture to immediately replace imitation cheeses with natural cheeses within the school lunch program; to favor the present system of establishing support price for dairy products instead of permiting the U.S. secretary of agriculture to establish them; and to encourage milk cooperatives to process ultra high temperature milk.

Speaking to the Grange members Tuesday evening, Pa. Agriculture Secretary Penrose Hallowell highlighted the governor's letter asking for a delay of the 50-cent assessment. He noted a number of suggestions contained in the letter: that a portion of any assessment be used on a matching basis for promotion purposes; that a quota system be implemented; that surpluses be sold on the world market or given to the needy instead of being stored in warehouses; that loans to dairy farmers be frozen; that the standards and values of milk and dairy products be increased; that more retailing at the farm-level be encouraged; that the two-tier pricing plan be expanded; that the domestic market be protected from imports; that dairy exports be expanded; and that more dairy cattle be exported.

Other agricultural issues given the go-ahead nod by the State Grange membership included:

— the opposition of duplicate administration of agricultural programs as called for in the federal Resources Conservatin Act.

— the approval of the Co-op Stock Dividend and interest rates paid on the fluctuating average of U.S. Treasury Notes.

— that sales barns be obligated to report true and accurate sale prices.

— the opposition of Joint House Resolution 305 which would establish a sixteen-member commission to recommend codes and laws regulating production of livestock on farms. "We believe the highest consideration must be given to the impact of new legislation upon the economy, including the effect upon food production and food cost. Of equal importance is the need for recognition for the welfare of the highly dedicated and productive American farmer."

— the support of farmland preservation efforts.

— the expansion of the Grain Storage Facility Loan program allowing a farmer to increase storage capacity to a level of three years' crops of average production.

— that Farmers Home Administration use the same interest rates for all borrowers.

Master is Granger of Year

BY SHEILA MILLER

HARRISBURG — John Master of R1 Harrisville was selected as the 1982 Granger of the Year Tuesday evening during the 110th Annual Session of the Pennsylvania Grange, held here at the Scottish Rite Cathedral.

Master, who has been a member of the Scrubgrass Grange #1705 for the past 27 years, along with being a member of the Venango Pomona #57 and a state and national Grange member, was surprised to hear his name called out by State Grange Master Charles Wismer. As camera lights flashed, Master accepted the State Grange's highest honor from Secretary of Transportation Tom Larson.

During the past five years, Master has served his Grange both on the state and local level — as state steward and assistant steward, as a member of the state gas and oil leasing committee, and as an overseer of the 5th Degree team.

In 1973, John and his wife were selected as Pennsylvania State Grange Young Couple. The following year they were runners-up for the national Young Couple of the Year award.

This year, Master was chosen 1982 Granger of the Year in his local Grange, a fitting preliminary honor for this year's top Granger in Pennsylvania.

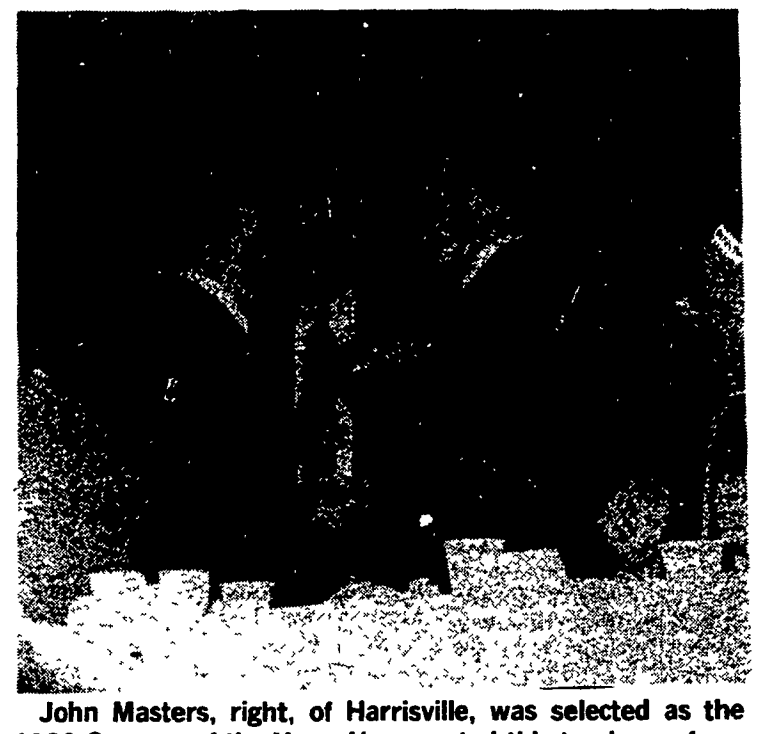
Other award winners announced by Wismer included:

Subordinate Grange Community Service Contest - 1. Long Branch Community Grange, Washington County, for setting up a medical aid program for the elderly; 2. Perry Valley Grange, Perry County, for starting a public library; 3. Centre Hall Grange, Clearfield County, for starting a public park.

Grange Safety Contest - Carmichaels Grange, Green County; 2. Beaver Run Grange, Westmoreland County; 3. Mt. Nebo Grange, Allegheny County.

These Granges received cash awards and plaques from the National Grange Mutual Insurance Company, sponsors of the contest. The first-place winner will be judged in national competition next month.

Awards also were presented in two categories in an Open House Program Contest which assesses local Grange programs to introduce non-members to the Grange. In Class I, for larger Granges, Pioneer Grange, Berks County, took top honors, and in Class II, for Granges with smaller memberships, Amity Grange, Washington County, placed first.



John Masters, right, of Harrisville, was selected as the 1982 Granger of the Year. He accepted this top honor from State Master Charles Wismer, left, and Transportation Secretary Tom Larson.

National Master looks at ag issues

HARRISBURG — National Grange Master Edward Anderson visited with Pennsylvania Grange members during their 110th Annual Session this week at the Scottish Rite Cathedral.

In an interview with **Lancaster Farming**, Anderson shared his concerns on several agricultural issues facing farmers across the nation, especially the 50-cent dairy assessment.

Anderson stated he was sure a 50-cent deduction would be established both in December of this year and again next April because he said dairy surpluses purchased by the federal Commodity Credit Corporation would undoubtedly exceed specified limits. Anderson blamed the abundance of cheap feed as one reason CCC purchases would easily surpass the 5 billion pound limit in December and the 7.5 billion limit next spring.

The National Master criticized the 50-cent assessment, calling it an "ineffective program." He cited several reasons for his opinion:

"It won't reduce production; the money won't be used for promotion; it won't lower the price of milk to the consumer. All it will do is lower the price to the farmer."

Anderson said the National Grange will continue to push for a two-price system — one price being paid for a farmer's given share of the market; another price for any overproduction milk, possibly $5 a hundredweight less. However, Anderson added, any producer who reduces production should be entitled to the top price on 100 percent of milk shipped.

This two-price system, Anderson said, should stay in effect until the supply of milk comes in line with demand. He stated the advantage of this type of program is that "each producer will effect the price for their own milk. Under the present government program, the individual farmer won't have that incentive. It will put family farmers out of business and will be an incentive to corporations — they'll get the same price no matter what they produce."

In order to discourage new startups in the dairy business, Anderson said the Grange has suggested all new producers receive the top price for only 40 percent of their milk, with the remaining 60 percent bringing the lower price.

Anderson, who is a former officer of the American Dairy Association, observed that dairy producers today are reluctant to continue at the present rate of dairy checkoff promotion rates called for under the federal system. He predicted there will be revisions in any dairy program adopted by the USDA by next year.

The dilemma of cheap feeds will not be solved by the recent announcement made by President Reagan that he will allow the USSR to buy 23 million metric tons of corn, Anderson said. "Russia won't buy from us unless they can't get the grain from anywhere else," he noted.

And, even if the USSR purchases the total amount allowed, Anderson said the price of corn would only be affected 10 to 15 cents a bushel.

"Exporting is not the answer to our problems," he stated, "especially when we export at less than our cost of production."

Concerning the recent announcement that President Reagan has authorized $175 to $190 million to be used to improve the U.S. agricultural exports situation in competing with other countries' subsidized commodities, Anderson pointed out Grange policy is opposed to "that sort of thing." He stated that the U.S. funds do not compare with the $12 to $14 billion invested by foreign countries in subsidizing agricultural products.

Instead, Anderson said the U.S. subsidy funds should be used to "buy down interest rates for foreign countries so that they can buy our grain. Reducing CCC loan rates by four or five percent lets

(Turn to Page A27)

National Grange Master Edward Anderson took part in the Pennsylvania Grange annual session this week. He spoke on national agricultural issues, including the 50-cent assessment.

Special guests at this week's state Grange annual session included First Lady of Pennsylvania Ginny Thornburgh and Pa. Secretary of agriculture Penrose Hallowell, seated at left. State Master Charles Wismer listens as Hallowell shares views on the future of agriculture in Pennsylvania.

National Master

(Continued from Page A26)

the money go further," he explained.

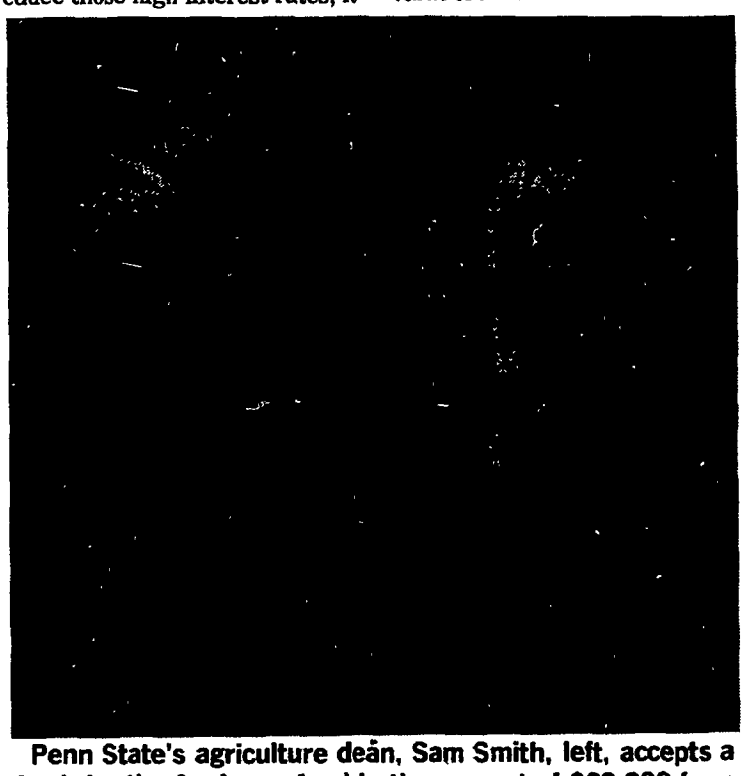
Anderson stressed the National Grange is "still hoping to improve the 1983 wheat program, increasing the current setaside from 20 percent to 25 percent and raising the paid diversion from 5 to 10 percent. He added the current feed grains program is a "step in the right direction" with 20 percent total setaside and 10 percent paid diversion. Anderson said the 50 percent deficiency payment and the diversion payments will help some of the nation's farmers survive the current economic squeeze.

Anderson looks to a reduced interest rate as the final salvation for the farm economy. "If we reduce those high interest rates, it will help agriculture and the entire economy." he said. "When the economy is weak, people buy less animal products which puts a depression on the ag economy."

When asked how he answers nonfarm consumers' questions on why taxpayers should be helping to support farm programs, Anderson stated he has several answers. He said he tells them farm price support programs help ensure a three-year reserve for a stable food supply. He also points out that Americans are paying less than one percent of their income on food — less than any other country. And he also cited agricultural exports' value in the balance of trade for our nation — with a value of around $14 billion last year. This, he explained, helps strengthen the value of the dollar.

On the topic of dollars, Anderson noted the National Grange played a key role in maintaining the Agriculture Cooperative Service's budget, retained at the 1982 level. He also emphasized the Grange is opposed to U.S. Secretary of Transportation Drew Lewis' proposal for a 5-cent per gallon federal excise tax for a highway trust fund, one cent of which would be placed in a general fund.

These and other issues will be debated and decided by members of the National Grange next month when they meet in Providence, Rhode Island, for their annual session Nov. 8-14. Anderson, whose two-year term as national master will continue for another year, announced the 1983 National Grange annual session will be held in San Antonio, Texas.



Penn State's agriculture dean, Sam Smith, left, accepts a check for the Ag Arena fund in the amount of $23,000 from Granger Vernon Norris. After a three-fold cheer of "We are Penn State" echoed through the auditorium Tuesday, Smith remarked, "Where were you during the Alabama game?"

As Grange committees met throughout the week, various representatives of state and federal agencies presented their views to the committee members. On Tuesday, Secretary of Agriculture Penrose Hallowell met with both the agriculture committee (pictured here) and the dairy committee.

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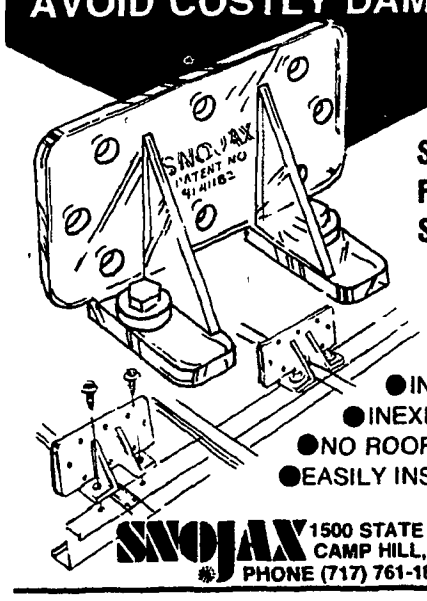

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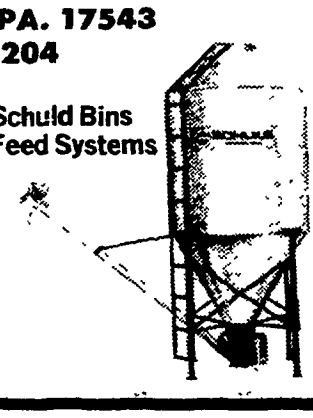

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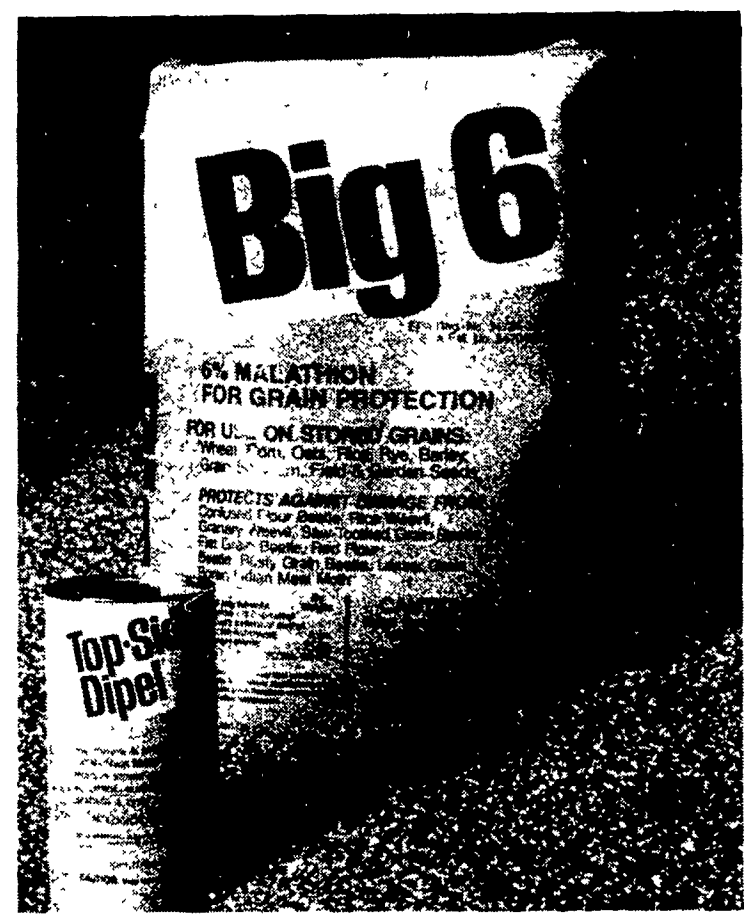

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Grange growing for future, re-elected Master says

HARRISBURG — The Pennsylvania State Grange is "Growing for the Future" in membership, in service, and in legislative success, State Grand Master Charles Wismer reported this week in his annual address to delegates at the 110th State Session in Harrisburg.

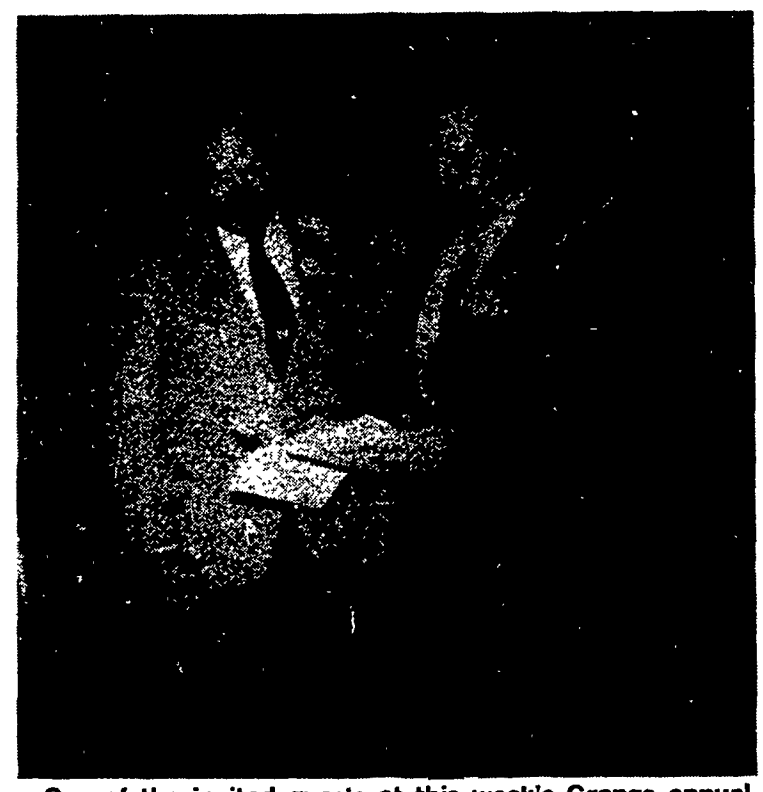
"This year we've had a turn around in State Grange membership," Wismer said. "We organized a new Grange in Elizabethtown, Lancaster County with 46 charter members, for the first time in 14 years. We organized 10 new Junior Granges (for children ages 6-14) and the June Quarterly Report shows a net gain of 223 members for the first time in six years. Many Granges this past year have shown membership growth."

The State Grange has also been successful in getting many of their agricultural interests enacted into law during the past year, Wismer said. He named the following as examples: development of an elk herd control program in counties where farmers had a crop damage problem; funding for research on stray voltage problems affecting dairy farms; removal of the eminent domain provision in the Scenic River Act, which allowed the Department of Environmental Resources to seize agricultural land for recreational purposes; passage of Noxious Weed Control legislation; enactment of Right to Farm legislation; and saving prime farmland from seizure by PennDOT for a truck weigh station.

In the past year, the Grange initiated a number of new services Wismer said, including a credit union, mortgage and small business loan service, and an individual retirement account service. The Grange Exchange, a food cooperative started in May 1981, has grown to more than $1 million in sales annually.

Wismer, who was re-elected to a second two-year term as State Master, said his goal for the next two years is to develop rural leadership through a study of needs and goals in Grange membership to be done as a thesis by a doctorate student at Penn State University, and followed by a series of leadership training workshops held across the state.

Other re-elected Grange officers include: Carl Blank, Beaver County, overseer; George Rogers, Lawrence County, secretary; and Isaac Fox, Lebanon County, treasurer. Newly elected to the State Grange executive committee in Ernest Miller, Berks County.



One of the invited guests at this week's Grange annual session was Pa. Senate Agriculture Committee Chairman Edward Helfrick, left. Here he looks over a number of legislative resolutions acted on by the Grange with Master Wismer.

Grangers vote to support Chesapeake "clean-up"

HARRISBURG — Whether or not it was the result of Monday's talk by Peter Duncan, secretary of the Department of Environmental Resources, to the state's Grangers who were meeting here this week, the state's oldest farm organization's membership voted to support the Pennsylvania Association of Conservation Districts in its stand on the Chesapeake Bay situation.

On Wednesday, they approved a resolution to develop a program to get additional funds targeted to the Chesapeake Bay and Lake Erie drainage areas. These monies would be used to develop and implement conservation plans, encourage conservation tillage, and provide funding for research for better soil tests and resulting recommendations.

In his talk to the Grangers on Monday, Larson said the reason why Grangers and everyone should be concerned about the Chespeake Bay issue is because "the Susquehanna River system contributes over 50 percent of the fresh water flow to the Bay. It also is because it has a direct bearing on Pennsylvania agriculture and on the financial well-being of Pennsylvania farmers."

Larson explained that Congress authorized the Chesapeake Bay program in 1976 to assess the health of this valuable body of water, determine the factors that are adversely affecting it, and make recommendations as to how these conditions could be changed. He noted that about $27 million has been spent during the last five years by the Environmental Protection Agency on reasearch and other studies.

One of the main issues that has come to light is the Bay's "enrichment due to excessive nutrients," said Larson. He pointed out that about 53 percent of the total phosphorus and 77 percent of the total nitrogen flowing into the Bay are contributed by the Susquehanna during an average rainfall year.

"The majority of this nitrogen and phosphorus is coming from cropland," said Larson. "Agricultural activities deliver nutrients from three main sources: eroding sediments, dissolved fertilizer, and animal wastes. Of the 20,800 square miles of drainage area in Pennsylvania, 23 percent of this area is cropland."

Larson conceded that the increasing problems occuring in the Chesapeake may, in part, have been the result of "certain unusual weather patterns during the 1970s." But, nevertheless, Pennsylvania now requires 80 percent of the phosphorus to be removed by all new or modified sewage treatment plants discharging to the Susquehanna, from below the Juniata River to the Maryland line. He also reminded the Grangers of the 1972 Pennsylvania Clean Streams Law which requires all earthmoving, including plowing and tilling for agriculture, have a plan for controlling erosion.

In a recent state study, however, it was determined that conservation plans are needed on 45 percent of the farms in the Susquehanna basin, Larson said.

"Of the 55 percent with plans, only 20 percent have fully implemented their plans," he stated. "Approximately one-third of the cropland is rented and conservation has been applied on only 30 percent of that land. This is a serious problem that needs a solution."

To emphasize the seriousness of the situation, Larson pointed out that 21 million tons of Pennsylvania's soil is lost from cropland into the Susquehanna River at a rate of 7.4 tons per acre per year — 40 percent more than the state average loss of 5.51 tons per acre per year.

With their vote, Pennsylvania Grangers have shown their concern for the future of the Chesapeake.

Larson quoted Granger George Wolff, member of the Grange's legislative committee and president of the state's conservation district association, in describing the farm organization as "a bell cow for Pennsylvania agriculture" and, in this case, conservation, too.

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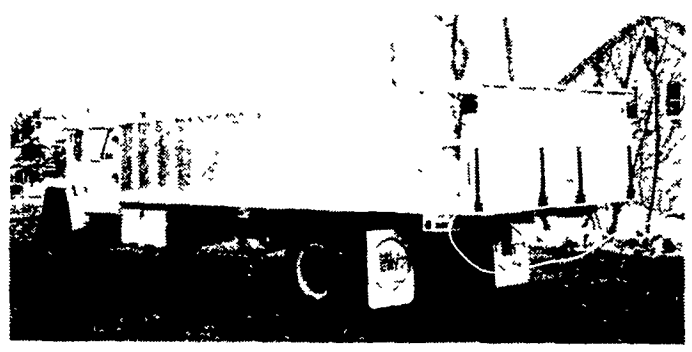

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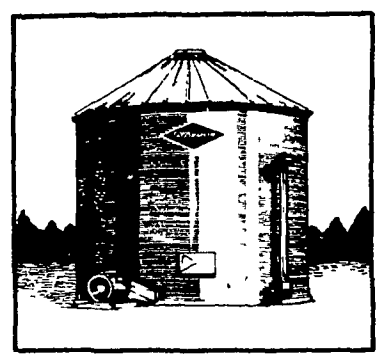

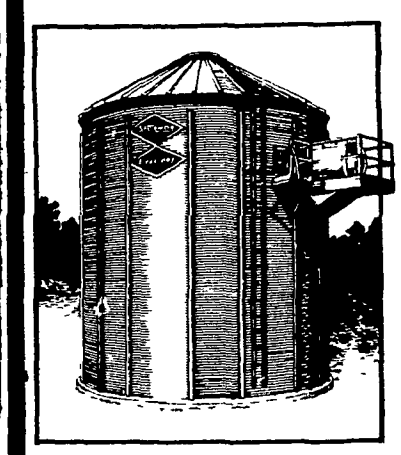

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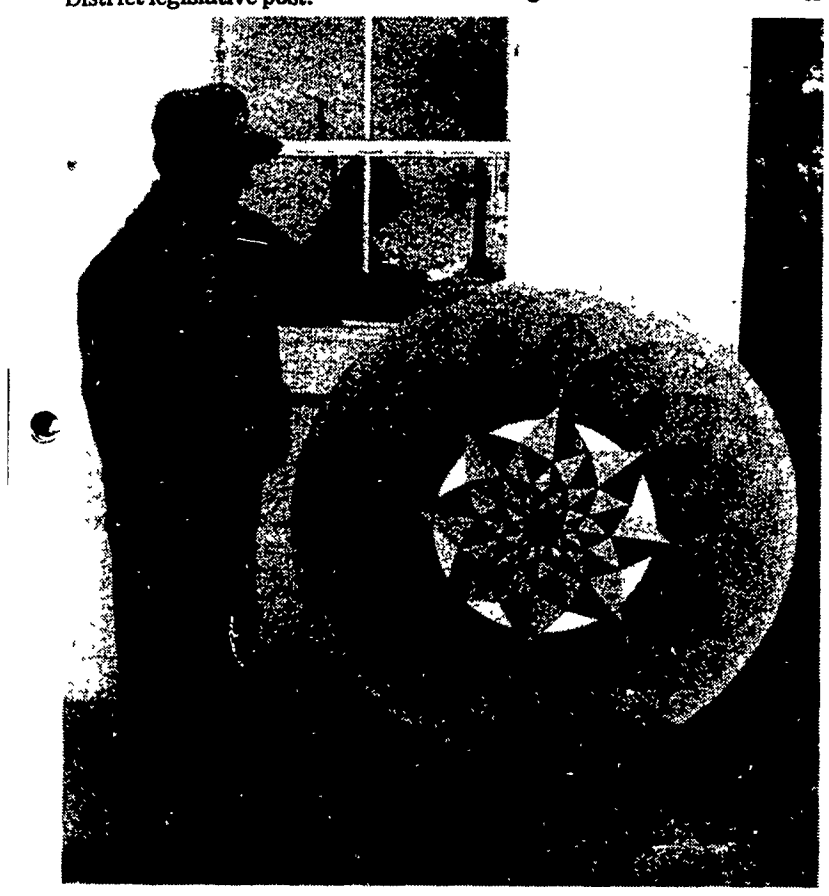
Berks dairyman enters political race

BY SHEILA MILLER

HAMBURG — Berks County dairyman Ernest Heckman is trying something new. The 55-year-old native of Windsor Township is campaigning for a seat in the Pennsylvania House of Representatives that has never been filled before. Heckman is running for the newly created 187th District legislative post.

Born and raised only a half-mile from where Heckman lives with wife Helen on their 220-acre farm, Heckman confesses he will miss farming if he is elected next Tuesday, but he says it will be easy for him to trade his flannel shirt and work pants for a suit and tie.

One thing Heckman undoubtedly won't miss are the early-morning milkings which will be taken over by nephew Rick Phillips. Instead of having to be "at work" in the barn at 4:45 a.m., Heckman's days in Harrisburg won't begin until about 10 a.m.



A true Pennsylvania Dutchman, Heckman is in the process of hanging seven hand-painted hex signs on his hip-roof barn which is equipped with pipeline and tie stalls.

Berks County dairy farmer Ernest Heckman has entered the political race. He is running for the 187th District seat in the House of Representatives — a newly created District. Heckman farms 220-acres of land, raising corn and alfalfa to feed his 52-head milking string of grade Holsteins. Although he raises no other livestock, Heckman keeps a few cats around to control the mouse population and his "best-friend" Pepper, the Labrador Retriever.

Heckman, who currently milks 52 head of grade Holsteins, says he will give up farming and put all of his energies into his political office if elected next week. When asked why he has chosen to leave agriculture for a new legislative field, Heckman remarks, "Politics always excited me. Last year I saw a new district being formed and saw it was basically a rural area. I hopped in my car and drove around the area, speaking to people. I found it to be the type of area with the kind of people I can identify with." Since then Heckman has driven 18,000 miles and has met about 5,000 people on the campaign trail.

Heckman, who was active on the local school board for nine years, poured the same enthusiasm into his involvement with the Berks County Farmers' Association, serving as membership chairman for three years and as director for four years. "I didn't just warm the seat," he explained.

When asked about issues he is

(Turn to Page A34)

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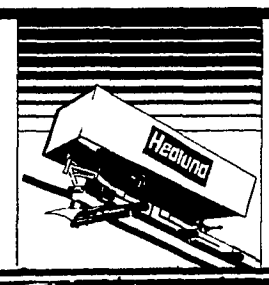

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Northeast emphasizes horticulture research

BELTSVILLE, MD. — It now costs about $2 to ship 24 cans of processed tomatoes from California to the Northeast. And northeastern shoppers are paying an average of 15 cents in transportation costs for each head of California lettuce. "In the future, the cost of fuel will increasingly dictate which crops are grown where," says Allan K. Stoner, one of the many scientists involved in a major Agricultural Research Service research effort to help the family farmer compete in the market.

To plan how research funds from this region would be spent, Howard "Bud" Kerr, coordinator of small farms research in the Northeastern Region, surveyed Extension agents in 70 counties. These agents answered a questionnaire aimed at characterizing the farm picture in each state and identifying the current and future needs for farm research for the region as a whole.

Vegetable crops rank first among commodities produced on northeastern family farms. Tomatoes and sweet corn are leading cash crops followed by green beans, melons, and cucumbers. When asked to identify specific research needs for horticultural farms, the Extension agents most frequently mentioned improved production. They emphasized the need for new vegetable varieties that mature earlier, grow in cooler temperatures, are more tolerant to stress, and have better flavor and eye appeal for the fresh market. The agents see a need for research on growing vegetable transplants locally and on intensive production systems that would allow several crops to be grown on the same parcel of land each season.

For fruit and berry producers, the respondents emphasized the need for better tasting, more attractive varieties and for cultural methods that require less labor.

The following describes some of the research projects being carried out to meet these needs.

VEGETABLE RESEARCH

One method of increasing production on the family farm is to stretch the growing season. By starting with a cool-season crop in the spring, switching to a hot-weather crop in the summer, then back to a cool-season crop in the fall, a farmer could keep the same parcel of land in production for 6 months of the year.

Stoner, a horticulturalist with the Vegetable Laboratory at Beltsville, Md., is developing cultural techniques for two types of succession plantings, cauliflower-tomatoes-cauliflower and strawberries-squash-strawberries. The study includes selecting varieties that have better taste and eye appeal and determining combinations of manure or compost, type of irrigation, and type of mulch that produces high yield and early maturity.

Many of the vegetables grown in the Northeast are started in Georgia from seed, which makes northeastern farmers dependent both on Georgia weather and on a limited number of varieties. ARS horticulturalist Franklin D. Schales and coworkers at the University of Maryland Vegetable Research Farm in Salisbury, Md., are experimenting to make greenhouse-grown transplants competitive with field-grown transplants from the South.

"By growing their own transplants, farmers could have the varieties they want and have them ready for sale in the early market," says Schales. Transplants could also be sold to other farmers and gardeners to defray costs, and the greenhouses could be used for growing fresh produce at other times. The researchers are testing local materials such as pine bark and composted sewage sludge as potting media to replace more expensive, conventional potting materials.

Schales research group is also screening standard and new varieties of cool-season vegetables for cold hardiness. The Maryland researchers are comparing the cost and economic advantage of several commercial products that protect crops against frost, such as row covers, plastic tunnels, hot tents, and hot caps. If these products prove economically feasible, farmers could extend the marketing season.

The acreage of good farmland, especially around metropolitan areas, has been shrinking at an alarming rate over the last decade. Land that is left commands a premium price. Two Beltsville scientists are interested in increasing farmland by upgrading poor soils with composted sewage sludge - a potentially cheap and abundant byproduct of cities.

Soil scientist Sharon Hornick (BWMORL) has completed her second season of growing vegetables on land that has been either strip-mined or out of production for many years. Both sites had soils that were acidic, ranging in pH from 4.2 to 4.6, and had little or no organic matter.

She found that the composted sewage sludge, which contains about 10 percent lime, raised and maintained soil pH better than ground limestone did because of the buffering capacity of the organic compost.

Results from the first year of study showed substantially higher yields of sweet corn and snap beans planted in the composted strip-mined plots than of those planted in control plots that were limed and fertilized only.

Hornick studied three methods of mixing composted sludge into the soil—rototilling, plowing, and subsoiling. The largest increase in sweet corn yield came from plots where the compost had been incorporated into the soil to a depth of 18 inches with a subsoiling apparatus attached to the back of a tractor.

Disease Control

Composted sewage sludge has the potential to do more than fertilize, lime, and condition soil-it may also control plant diseases such as root rots and wilts.

Plant pathologist Robert D. Lumsden and soil scientist Jack A. Lewis of the Soilborne Diseases Laboratory have teamed with microbiologist Patricia Millner (BWMORL) to test the use of compost for controlling soilborne plant diseases.

Compost has its own microbial population, and some of its fungi and bacteria may compete with or feed on the soilborne pathogens thus controlling disease on crop plants, explains Millner.

Greenhouse tests of beans, peas, melons, lettuce, and cotton showed that compost-soil mixtures controlled disease in several cases. But the scientists point out that the microbial population of composted sewage sludge (and thus its disease-reducing potential) can vary greatly depending on the source of sludge and the weather conditions. When composted sludge was tested on lettuce, cotton, and peas in the field, it significantly reduced two important diseases—lettuce drop and damping-off of peas and cotton.

Insect Control

The Colorado potato beetle has become resistant to several insecticides—a fact that is causing concern among vegetable farmers, especially potato growers. The beetle also causes heavy economic losses in tomato, pepper, and eggplant crops. To hold insecticide use to a minimum and possibly delay the development of resistance to other insecticides, entomologist William Cantelo, with the Vegetable Laboratory at Beltsville, is determining how much leaf damage a tomato field can sustain without reduction in yield. First Cantelo measures how much a beetle larvae eats. Then he strips leafs from tomato plants to test varying degrees of defoliation. By comparing yield from the defoliated plants with the feeding measurements, he should be able to estimate how many beetles could be tolerated before insecticides need to be applied.

Zoologist William R. Nickle is testing another means of curbing the Colorado potato beetle. The beetle was introduced into Europe where it was parasitized by a roundworm, says Nickle, who is with the Nematology Laboratory at Beltsville. He imported these parasites from Austria, where they kill up to 60 percent of the beetle population, to see if they could adapt to the soils and climate in this country and control the beetle without harming our beneficial insects.

Weed Control

Plant physiologist John R. Teasdale, with the Weed Science Laboratory at Beltsville, is evaluating weed control systems.

Research over the past 2 years has shown that different control methods must be integrated for effective weed control in most horticultural crops. By combining preplant herbicides, cultivation, directed post-emergence herbicides, and hand-hoeing, the farmer can greatly improve the effectiveness of the herbicides and, at the same time, reduce the energy and labor required for cultivation and hand-hoeing. Black plastic mulch was most effective when used in combination with herbicides to control weeds on the bare ground between rows and within the planting holes.

Teasdale is screening several new herbicides for effectiveness and toxicity to crops and for their persistence in the soil in double-cropping systems. Data from this research are expected to support the registration of a number of promising herbicides for use in growing blackberries, cabbage, cucumbers, peas, snap beans, sweet corn, and tomatoes, he says.

FRUIT RESEARCH

Under a cooperative agreement with the Agricultural Research Cooperative Fruit Laboratory at Beltsville, Harry Swartz is working on the culture and management of strawberries and thornless blackberries at the University of Maryland, College Park.

In his work on thornless blackberries, Swartz developed a

(Turn to Page A31)

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Weekly world production and trade round-up

WASHINGTON, DC — The Foreign Agricultural Service of the U.S. Department of Agriculture reported the following recent developments in world agriculture and trade:

Grain and Feed

Australian plant quarantine regulations appear to be deterring possible Australian imports of U.S. wheat or feed grains. Plant quarantine authorities have laid down stringent guidelines for wheat and feed grain imports, which require costly processing at port and transport between ship and mill under quarantine supervision. Under these restrictions, wheat imports would be small given combined processing capacity totaling only 33,000-35,000 tons per month at major Australian ports.

Reports indicate that some applications for feed grain imports have been made, but when importers were advised of quarantine requirements, they decided not to proceed.

Another serious impediment to imports is the phytosanitary requirement that shipments to be certified as completely free of prohibited weed seeds. Imports coule be rejected on the basis of weed seed contamination. Therefore, unless the drought continues and importers become prepared to take greater risks or quarantine authorities modify regulations, imports in the immediate future are unlikely.

xxx

Oilseeds and Products

In the United States disappearance of soybeans during Sept. 1 - Oct. 7, 1982, amounted to 5.02 million tons—6.3 percent above the same period in 1981 and 1980. Furthermore, this season's U.S. soybean disappearance through Oct. 7 is more than 15 percent above that during the same period in 1979/80, when the complete season soybean disappearance reached a record volume of 54.4 million tons. (U.S. soybean disappearance is based on weekly inspections for export, plus weekly crushings, as reported by the National Soybean Processors Association).

Dairy, Livestock and Poultry

Malaysia is expected to ban imports of fresh, chilled and frozen meat from cattle, buffalo, sheep and goats not slaughtered by Islamic rules (Halal), effective on or about Jan. 1, 1983. During the interim period, Malaysia's veterinary department may restrict import licenses to prevent excessive accumulation of non-Halal stocks. The veterinary department will continue to allow the import of non-Halal poultry products.

U.S. beef exports to Malaysia may gain significantly or disappear altogether, depending on whether U.S. beef packers can meet Moslem slaughter requirements and whether their Halal certificates would be approved by Malaysia. In 1981, Malaysia imported 586 tons of beef from the United States. Australia and New Zealand supplied almost all other imports, with 63,151 tons, and 7,784 tons, respectively.

xxx

Taiwan has restricted the import of live animals and livestock products from Arizona, Colorado, New Mexico and Utah following recent outbreaks of vesicular stomatitis in those four states. Four additional states where outbreaks have recently occurred—Idaho, Montana, Nebraska and Wyoming,—are expected to be added to the list.

VS, which has occurred periodically in the United States since 1864, is not considered a serious animal disease. Animals generally recover without treatment or medication, although isolation is recommended. Approximately 400 cases of VS were reported in the United States during the first 9 months of 1982.

xxx

Three months of dry weather in the Dominican Republic have led to shortages in the fresh milk market. The problem has been compounded by processors who are reacting to the price control system for pasturized milk by producing more cheese and butter, which are not controlled. In a normal year, milk production is approximately 360,000 tons, of which about one-third is processed. Some imports of dry whole milk have been made to relieve the shortage somewhat.

Northeast research

(Continued from Page A30)

trellis shaped an inverted pyramid. Thornless blackberries need support but also have to be thinned; old canes should be removed each year. A grower can train first-year canes up two corners of the pyramid and second-year canes up the opposite two corners. Then he can work down each row and quickly remove second-year canes after bearing season, leaving first-year canes undisturbed. By alternating canes in this manner year after year, pruning is simplified.

From his strawberry research, Swartz found that mulches which promote higher root temperature (clear and black plastic) increased the yields of first-year everbearing strawberry selections. As much as 1 ton of strawberries per acre was harvested each week between mid-July and mid-August. Fruit size decreased throughout the season, but fruit quality remained excellent, he says.

Insect Control

Scale insects are economically important pests of several fruit trees. They have hitchhiked into this country primarily from the Orient and are now distributed uniformly throughout the United States.

California has been using parasitic wasps to keep scale populations below damaging levels for several years, but the Northeast is way behind in biocontrol of scales, says John W. Neal, Jr., an entomologist with the Florist and Nursery Corps Laboratory at Beltsville.

To rectify this situation, Neal is identifying potential biocontrol agents for three species of scale pests: the white peach scale, the San Jose scale, and the euonymus scale. Working in cooperation with the University of Maryland, Neal must first identify the species and distribution of native wasps that parasitize the scales. Later, he and cooperators plan to introduce and test Oriental wasps as potential biocontrol agents of these scale insects.

The cost of fuel and its direct effect on shipping costs could influence the share of fruits and vegetables marketed in the Northeast that would be produced on family farms there. Findings from all the projects involved in the ARS research effort should increase the contribution of family farms to northeastern markets and should enhance the ability of family farms to compete in those markets.

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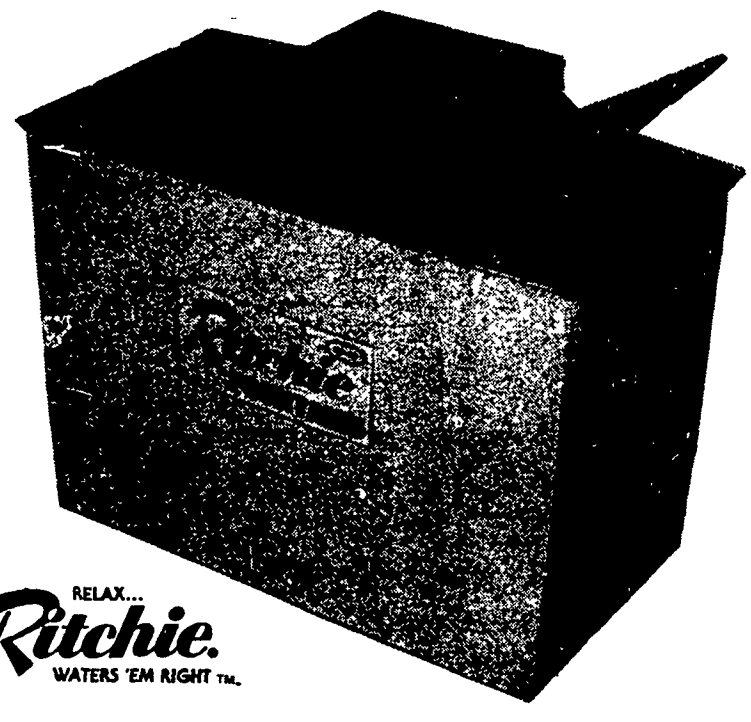

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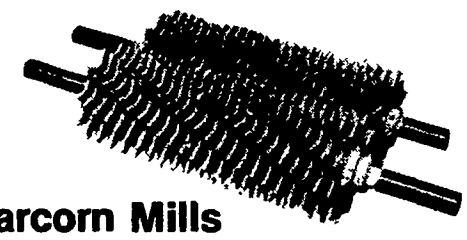

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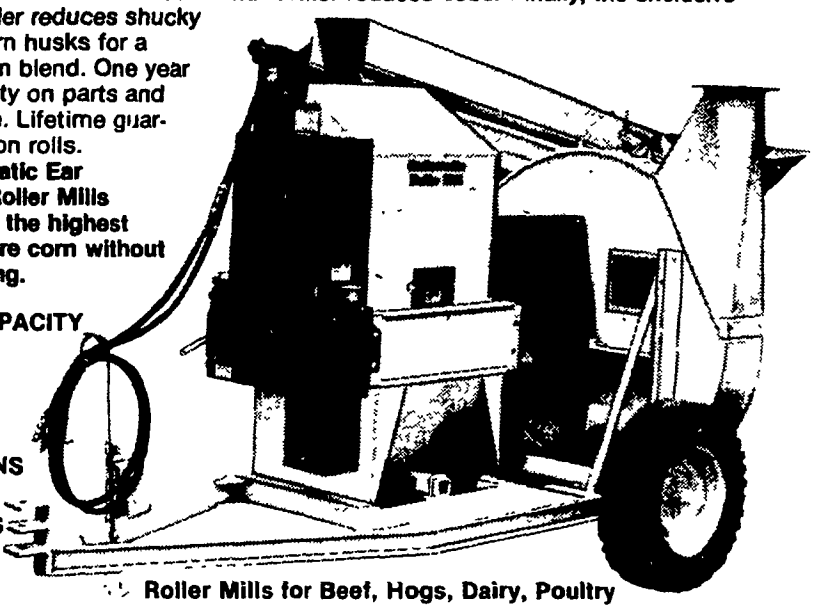

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Thornburgh presents first low-interest farm market loan

APOLLO — On Wed. Gov. Dick Thornburgh presented the owner of a recently-opened farm market near here with the first check from the new state low-interest loan program designed to encourage the direct marketing of Pennsylvania farm products.

"Farmers' markets are important local food sources benefiting farmers and consumers alike," Thornburgh said. "They are profitable and efficient for the farmer, while providing consumers with fresh, wholesome foods at reasonable prices."

The governor presented the $25,000 check to William Hileman, a fruit and vegetable farmer from R3, Apollo, Armstrong County. The loan will help finance the establishment and start-up of his Kistaco Farm Market, a year-round marketing facility, including sales area, warehousing space, a walk-in cooler and refrigerated display case. The estimated cost of the market is $97,500, with financing shared by the state, the Production Credit Association and the Federal Land Bank.

The Pennsylvania Farm Market Loan Program, established by Thornburgh in the Department of Agriculture earlier this year, provides 10-year loans at an interest rate of one half the federal discount rate to farmers who wish to enter or expand direct market operations. Individual farmers are eligible for loans up to $25,000, while groups of farmers can receive maximum loans of $50,000, currently at six percent interest.

The state finances up to 50 percent of the total loan in conjunction with an approved lending institution, such as a local bank or farm credit bank. The program has been set up as a $1 million revolving fund, similar to the Pennsylvania Industrial Development Authority, using unexpended rural rehabilitation assets from previous Federal Farmers Home Administration programs.

"Pennsylvania is a national leader in direct marketing of farm products," Thornburgh said. "Each year, direct marketing keeps $150 million in food dollars in the local economy, and our Pennsylvania Farm Market Loan Program, along with other marketing initiatives of this administration are helping Pennsylvania farmers to sell more of their products."

Sheep Council selects new officers

DENVER, Col. — American Sheep Producers Council directors unanimously selected Bill Pfluger, San Angelo, Texas, as their president for the 1982-83 year.

P. J. Cook, Belle Fourche, South Dakota, and Tim Indart, Clovis, California, were elected vice president and secretary-treasurer, respectively, of the sheep industry organization. Officers were elected last week during the 64th meeting of the Board of Directors at the Cosmopolitan Hotel in Denver, Colorado.

Following their election, the new officers selected chairmen of the Lamb and Wool Advisory committees. Edgar Olson, Fosston, Minnesota, will continue as chairman of the Wool Advisory Committee. Pete Clathis, Grand Junction, Colorado, becomes Lamb Advisory Committee chairman, succeeding William Balden, Danville, Kentucky.

ASPC directors and delegates unanimously approved the ASPC Strategic Plan which redirects Council activities for the coming years. ASPC Executive Director Rodger Wasson explained the new philosophy: "Our mission is to improve profitability to the sheep producer by providing total marketing services to affect a more efficient marketing system and increase demand, and provide the consumer with uniform quality lamb and wool products."

Each ASPC program is accountable for contributing to producer profits. ASPC and the producer have separate and cooperative responsibilities toward achieving those profits.

In other action, the directors accepted the petition of the National Wool Growers Auxiliary to become Class II members of the American Sheep Producers Council. The ladies' organization is now entitled to a director to represent their organization as a voting member.

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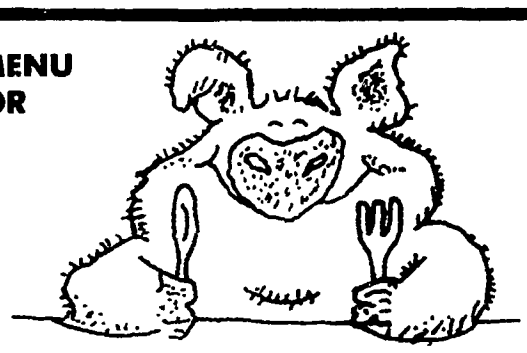

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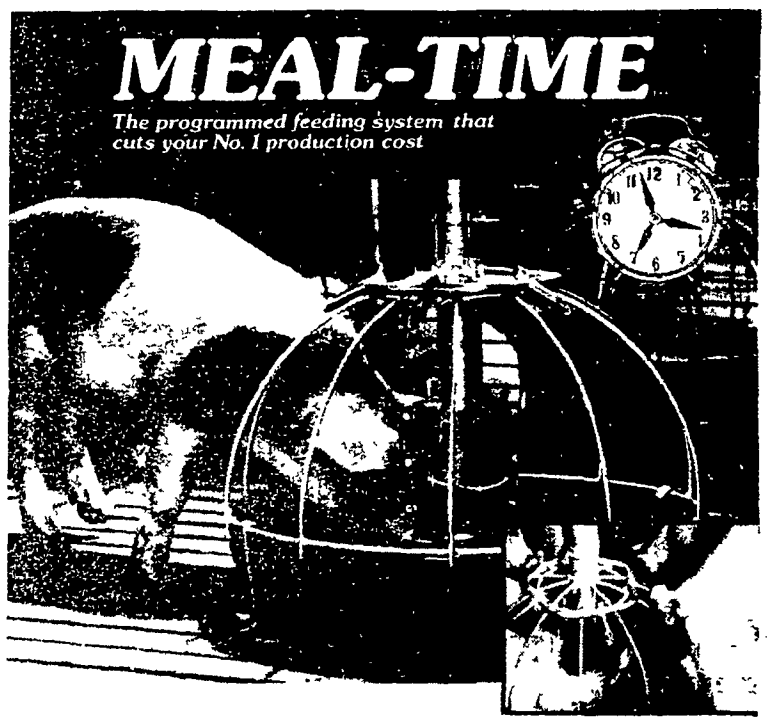

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16.9x34, 6 ply	$250.00
16.9x38, 6 ply	$275.00
18.4x38, 8 ply	$364.12
20.8x38, 8 ply	$495.00
20.8x34, 6 ply	$450.00
18.4x34, 6 ply	$289.00
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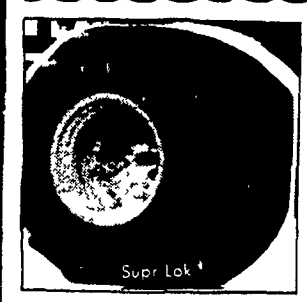

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Can't the Governor see that without an evacuation system good enough to move people and animals, even in a winter blizzard...THOUSANDS WOULD DIE IN THE HORROR OF EVERY CHOKED HIGHWAY!! And the contaminated Lancaster Farming areas' agriculture industry, built with the hands and backs of your forefathers, would be lost forever!

As happened in Palomaris, Spain, when a nuclear warhead was accidentally dropped from a military plane, all the animals and products of that contaminated farming area were confiscated...and buried! Acres and acres of top soil had to be removed. Nevertheless, boycott of Palomaris produce brought economic ruin to the entire area!

Can you imagine what would happen to your farming areas if the crippled TMI reactor went wild again?! Or even if the two Lancaster County Peach Bottom reactors... and the two Limerick reactors... had an accident?! Can you imagine the disaster that would come with just the rumor of radioactive contamination of your milk, meat, eggs, butter, grain, fruits, vegetables, etc.? Just remember... if the March 1979 TMI accident had gone uncontrolled just thirty minutes more, your homes, your billion dollar agriculture industry, AND your way of life would already be ruined!

ACT NOW! Elect that Governor...be he Mr. Thornburgh or Mr. Ertel... who will before Election Day, most forcibly and publicly promise, as Governor, that he will require the Nuclear Establishment to immediately REMOVE THE THREAT OF DISASTER FROM THAT CRIPPLED TMI TIME BOMB... before restarting the TMI-1 reactor... or any yet unlicensed reactor in Pennsylvania!!

Paid for by Pa. Air & Water Pollution Patrol, 61 Forest Ave., Ambler, Pa. 19002

Berks dairyman

(Continued from Page A29)

campaigning on, Heckman stressed the energy situation and the need to develop the state's coal, hydroelectric, solar, and grain resources. He also expressed his feelings that not enough was being done to preserve "productive" farmland. However, the Pennsylvania Dutchman noted, "If farmers get paid for their produce, they won't have to sell for development."

Heckman commented on milk promotion and the recent defeat of the milk referendum in Pennsylvania. Although he said he recognizes the need for promotion, the Lehigh Valley shipper said the past referendum had "one hitch" — it didn't allow brand advertising. If elected, Heckman said he will push for a change in the law to allow cooperatives to use checkoff funds for label advertising.

Heckman also stressed the need to put a higher quality milk on the market. "We're taking out everything and selling the leftovers. Milk is at its best when it has some cream. I know the medical profession is against fat, but it's also against cigarettes — and people still smoke."

The Berks dairyman also said he will push for changes in the state's milk marketing laws if elected. "When other industries have a glut, they run a special. If we could drop the price of milk — put it on sale — we might move more." Heckman added that he also would like to see more competitive bidding when it comes to selling milk to schools and institutions.

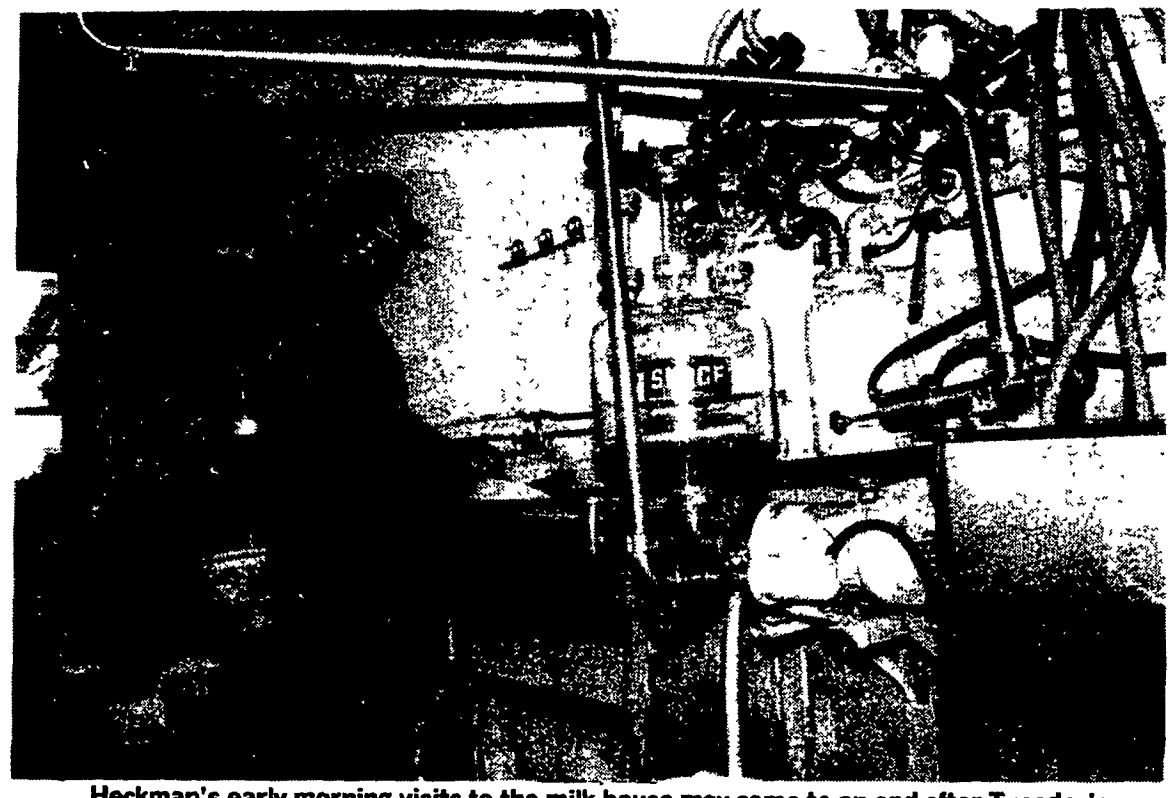
Although he has entered the legislative race for the first time, Heckman said he never entered the race to get bigger by expanding his own herd and farm.

"I've never been in business to be the owner of the top herd. My cows are here to make money and pay the bills. I have never had the ambition to beat my neighbors at production.

"Although I realized I couldn't get careless with production, I've never got in that kind of race. To be on top of the heap costs money instead of makes money."

Because of his convictions, Heckman's herd of Holsteins remain unregistered. But, the dairyman selects young sires from Sire Power to service his cows in order to improve production and cull off the lower cows. One bull he is using frequently and is happy with is called Chairman.

If Heckman loses the political race on Tuesday, he says he will continue to farm with no further ambitions for running for office. But, with a confident smile, Heckman says, "I've got the winning attitude."



Heckman's early morning visits to the milk house may come to an end after Tuesday's election. The Berks dairyman says he will give up farming to pursue his new-found legislative interests. Although he admitted a farmer may get his hands slapped and his fingers burned when a newcomer to Harrisburg, Heckman stated his reasons for running for a political office, saying, "I feel I have something to offer."

LCI coordinates packer-loss index

SOUTH ST. PAUL, Mn. — A total of 17 hog slaughtering plants are taking part in the new Livestock Conservation Institute packer loss index, which provides comparative data on conditions found in livestock at slaughter.

The new index provides packers with data on the basis of rate per 1,000 head of livestock on the conditions which account for more than 90 percent of carcasses retained for removal of parts condemned.

The data, reports LCI, is computerized so cooperators can receive comparative data by company, by size of plant and by geographical region.

About 95 of every 1,000 hogs and cattle slaughtered in federally inspected plants are retained for remova of parts, or condemned as a result of disease conditions or injuries. Sometimes parts removal can leave the packer with only half a carcass, reports LCI. The LCI index permits packers to compare their experience on the basis of each of the major classifications of loss and take action to correct situations that appear to be higher than normal.

For more information on the indexing, contact LCI at 239 Livestock Exchange Building, South St. Paul, MN 55075; telephone 612/457-0132.

Producers should store corn

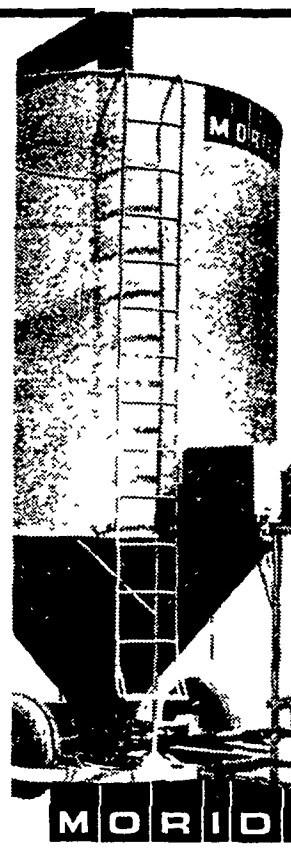
UNIVERSITY PARK — A bumper corn crop should bring good news to producers. But the cumulative effects of three bumper crops in a row have resulted in low prices, reduced incomes, a lack of storage, unstable prices and a cash-flow problem for most producers, says H. Louis Moore, Penn State Extension agriculture economist.

As the harvest moves into high gear the price is likely to be in the $2 per bushel range or lower. This is less than the cost of production for most and only about 40 percent of parity. The price is 50 cents per bushel less than a year ago and down about $1.30 per bushel from 2 years ago.

"There is no opportunity to lock in a profit by hedging the crop at this late date," says Moore. There is little likelihood of substantial price improvements until the completion of harvest. Moore adds that producers should avoid if possible dumping their grain during the harvest season.

Storage is likely to be a problem because there is about 2 billion bushels of corn still on hand from last year's harvest. When storages are full, producers should consider storing corn in machine sheds or other buildings — if walls are properly reinforced and if the grain can be properly aerated.

Current market conditions, however, would indicate that a sharp increase in corn prices is not likely in early 1983 because the carryover is still growing. Carryover on Oct. 1, 1983 may be in the range of 2.8 billion bushels, up 800 million from this year. Moore advises producers to give more consideration to participation in the government program than they have in the last 2 years because of the bleak outlook.



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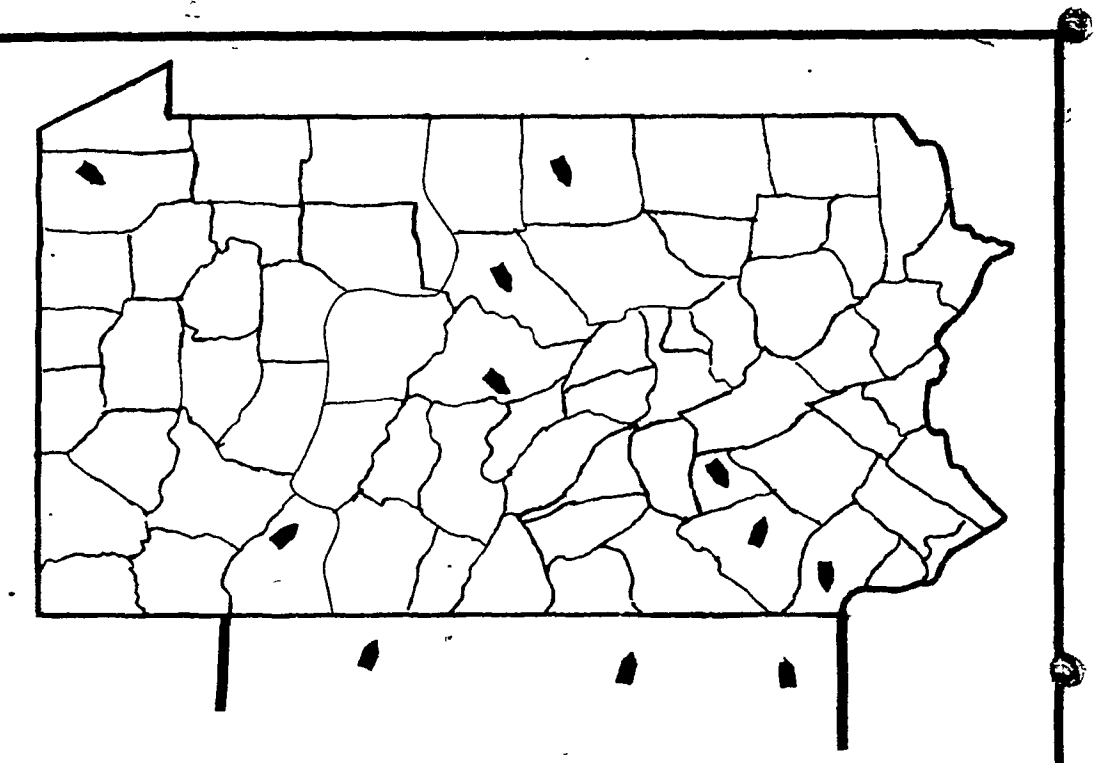

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If you need equipment in an area not covered by these points shown above, US Farm Systems of Pennsylvania will serve you from home base.

For information about the local places where you can rent or lease liquid manure equipment, write to US Farm Systems of Pennsylvania, 3053 Barren Road, Oxford, PA 19363. Or call (301) 398-2948.

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Kolb cows sweep New Holland show

NEW HOLLAND — Mel Kolb cows did it again at the annual New Holland Sales Stables Show and Sale on Wednesday.

Again, Kolb cows swept the grand and reserve placings of the show, along with many of the classes.

But the reserve grand champion, a dry cow, then upset the grand when they went over the sale block following the show. In fact, two cows, including the reserve, brought at least four times as much as the grand champ, a mature, fresh cow.

The grand champion, Burton-Hill Valiant Dallas, a four-year-old, was sired by C Roybrook Valiant out of Burton-Hill Transmitter Della. As a three-year-old she was classified as VG-88.

The grand champion was purchased by Ernie Kiefer, of Wisconsin, for $5,000.

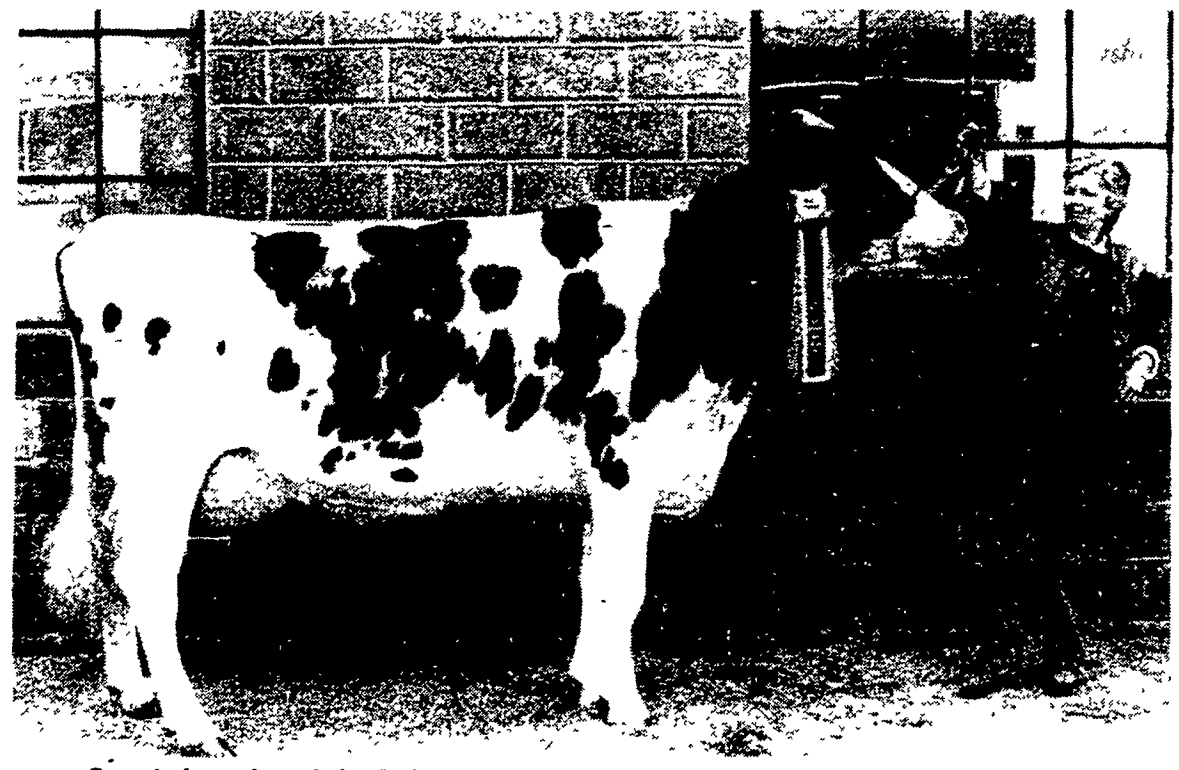
The reserve champion, Dougal Lea Lucy Jessica, a Canadian cow, was sired by Agro Acres Marquis Ned out of Dougal Lea Lucy Medalist. Her 305-day production as a four-year-old totaled 16,929 lbs. of milk and 759 lbs. of fat at 4.57 percent.

The reserve champion was purchased by J. Mowery Frey, of Fultonway Farms, Willow Street, for $21,500. Frey also purchased the second-high cow, a Conductor daughter, Vlunds Conductor Diamond, EX-90, for $20,000.

In addition to the Kolb winners, other top placers were entries by Stonehurst Farm in the three-year-old fresh class, a mixed breed dry cow of Kelly Bowser, Worthington; and mixed breed fresh and two-year-old by Rick and David Kolb.

In all, some 250 cows were entered in the show and about 125 more were in the sale which continued from noon until about 10 p.m.

Numerous out-of-state buyers were in attendance.



Grand champion of the Dairy Show and Sale at New Holland Sales Stables, mature fresh cow, is held by Charlene Woods, of Mel Kolb, Inc.

Rep. Wampler to speak at Ag-Industry Banquet

LANCASTER — William C. Wampler, Ranking GOP member of the House Agriculture Committee, will be the featured speaker at the Sixth Annual Ag-Industry Banquet at the Historic Strasburg Inn at 7 p.m. on Thursday, Nov. 18.

The banquet is sponsored by The Lancaster Chamber of Commerce and Industry.

The banquet program will also feature the presentation of this year's Century Farm Awards. State Secretary of Agriculture Penrose Hallowell will make the presentation.

Also appearing on the program are John E. Barley, chairman of the Chamber's Agriculture Committee; Darvin Boyd, master of ceremonies; and Richard E. Blouse, Chamber president.

Congressman Wampler represents the Ninth District of Virginia, which is located in Southwestern Virginia, a basically rural and agricultural area.

He has become known as "The Bald Eagle of the Cumberlands" for his success in the Ninth district, which is known for its political fighting. His constant vigilance against deficit spending has earned him the "Watchdog of the Treasury" Award from the National Association of Small Businessmen.

Wampler is much sought after as a speaker, particularly due to his vast knowledge and understanding of farmers and their problems.

Among his hobbies are stamp collecting and being a serious geneologist.

Berks goatherders to meet

READING — The Berks Goatherders will hold their monthly meeting, Thursday, Nov. 18 at the Berks Co. Agriculture Center. Larry Davidhizar, owner and operator of Al-Har-La Saanen Goat Rancy, near Hershey, will be guest speaker.

Davidhizar supplies raw goat milk to local health food stores and will be discussing his milking operation. The club will also conduct a short business meeting before the speaker.

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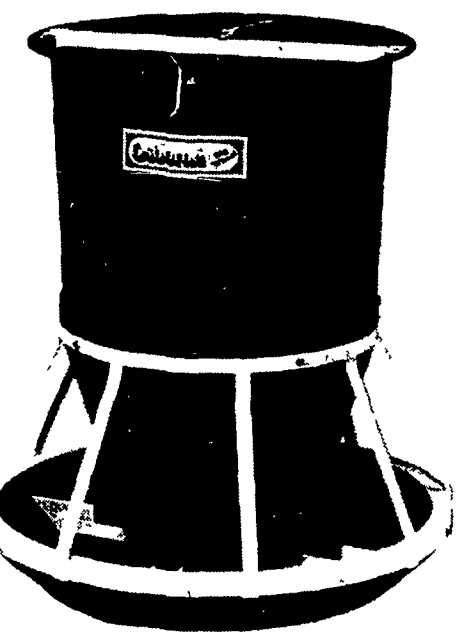

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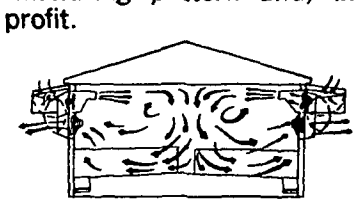

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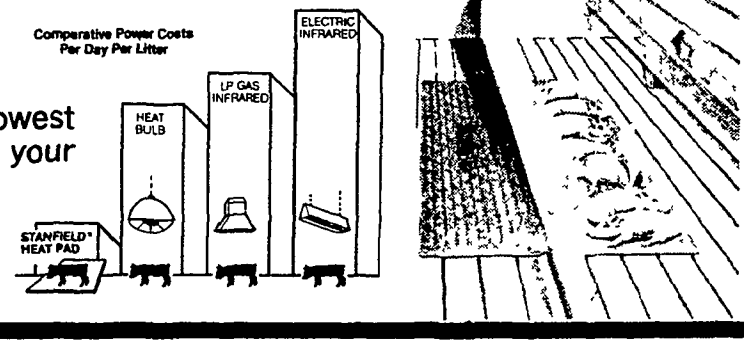

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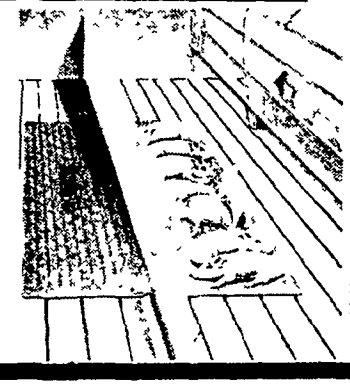

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Says Dauphin Co. family

When it comes to dairying, they see red

BY DONNA TOMMELLEO

HERSHEY — When he called her first red and white calf a freak years ago, Elsie Capp's father probably didn't know it was a "sign" of things to come.

For a while, Elsie talked her father out of selling the odd-colored Holstein, which was born in their herd of black and whites. But then, the young heifer all but sealed her fate when she refused to grow horns. A double freak.

Consequently, Elsie's father beefed the red and white, naturally polled Holstein, a breed destined to grow in popularity.

While she was growing up, Elsie remembers she had no plans to milk cows in the future.

"The last thing I ever wanted was cows and chickens. I just wanted to crop farm," she says. But then in 1959, she married Bill Capp, who was raised on a Hereford farm. Elsie brought along four heifers from her home farm, the couple received a black and white calf as a wedding gift and suddenly the girl who had her sights set on crop farming was milking cows again.

But she never forgot the red and white "freak."

She got another look at the breed when a black and white Ivanhoe daughter dropped a healthy red and white bull. A stud expressed interest in the red and white factor and bought the young bull, leaving the Capps with an all black and white herd.

But then in 1973, a cattle dealer provided the Capps with their first red and white cow, which had three daughters in her lifetime. One daughter, "Dolly," a Telstar daughter has been one of the leading milk-makers in the Capp herd, with records above 28,000. And although the large-framed red and white Holstein has more than paid her way in the parlor, the Capps still wait for her first heifer calf.

A prolific bull mother, Dolly's sons have been used on the Capp heifers over the years. She's due again in December to red bull Alban and its a sure bet the Capps will keep their fingers crossed until then.

The small herd Bill and Elsie began in 1960 has grown from eight milking animals to 119, 46 of which are red and white. When the Capps first put the eight head in their purchased 28-stall barn, Elsie recalls thinking, "Are we ever going to fill it?"

She didn't have long to wait for an answer. Several purchases later, the Capp barn had at least one resident in each stall. When the herd grew beyond the 28-head barn limit, Bill and Elsie milked the herd in shifts. At the same time, the calves were tied in the individual stalls, also.

The back-breaking bucket milkers gave way to a pipeline when a cow stepped on Bill and crushed his elbow.

A free-stall was erected and for awhile the Capp's continued to milk in the stall barn until finally a double-six parlor was added.

"It cut our milking time in half," explains Bill, Jr., 19, who works the farm along with his parents.

His dad admits the parlor makes the twice-a-day chore a little easier but adds that catching cows in heat or off feed was suited more to a stall-barn set-up.

Bill Jr., Bill and Elsie Capp flank "Dolly" one of the red and white celebrities in the barn. The 8-year-old Holstein, with records to more than 28,000 pounds of milk, has had a string of bull calves and is due again in December.

Even though he's taken the registered red and whites out on the show circuit, Bill Jr., still has his room in his heart for his black and whites, like this Poverty Hollow Milestone daughter out of an Elevation.

As their milking and housing systems changed, so did the feeding. The Capps went from hand feeding to a total mixed ration of corn silage, 40 percent protein supplement, dry ear corn and haylage.

The milking group receives a ration geared for 55 pounds of daily production which includes six pounds of the protein supplement, 18 pounds of dry ear corn, 16 pounds of haylage and 28 pounds of corn silage, reports Bill, Jr. Cows making more than 55 pounds are supplemented by magnetic feeders.

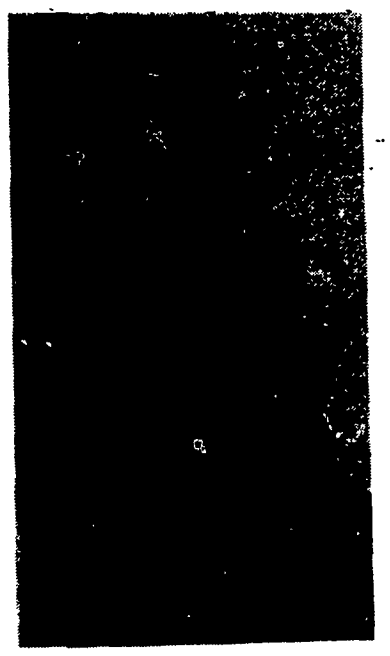
Dry cows and heifers also benefit from the TMR feeding. The dry group consumes per head 25 pounds of corn silage, five pounds of ear corn, one pound of dry cow supplement and all the grass hay they can eat. Heifers average 28 pounds of corn silage, 10 pounds of ear corn and five pounds of the 40 percent protein supplement plus grass hay.

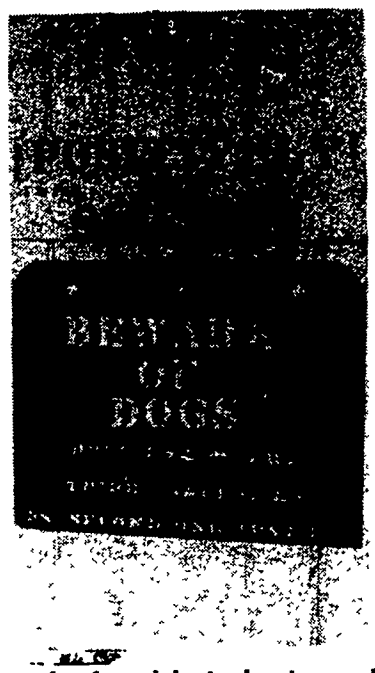
The Capps constantly monitor the feed, says Bill. Moisture level is checked weekly and the ration is analyzed with each change in feedstuff.

The herd probably won't grow in number, says Bill, but he's shooting for an 18,000 pound herd average. The 119-head herd currently pumps out a 16,320 pound-average. Since June, 37 heifers have freshened and Bill and Elsie agree the time has come to cull harder.

"We've just been growing right along," Bill says. In light of the pending 50-cent assessment, Bill adds, "We have fixed costs and the only way to handle that is make more milk."

Chief tractor operator, Elsie climbs aboard the family's new four-wheel drive tractor, which has greatly facilitated field work during wet weather.





"Signs" of Elsie's talent can be found just about anywhere on the Capps' Elwillo Farms. The prolific painter has made her work on the silos, barn door and even a silage bag.

The farm labor is divided among Bill, Elsie, Bill, Jr. and hired man Joe Groff. The chief-calf raiser, Elsie is also instrumental in maintaining the family's 50,000-bird broiler house.

And the woman who wanted to crop farm and not milk or raise chickens is also the family's number one tractor operator. Her fondness for machinery developed as a child on her home farm and has continued throughout her married life.

Next to her red and whites, these days, Elsie's pride and joy is brand new four-wheel drive tractor.

"Spring and fall are usually pretty wet and sometimes we run into problems getting the hay and corn in the silo," she says. A tractor dealer sent the Capps the 4WD as a "temptation," recalls Elsie.

"I fell in love with it."

"She drives it more in a week than we do in a year," laughs son Bill.

The Dauphin County woman wears yet another hat, that of official sign-painter. Turnpike travelers cannot miss the Capps' silos, which display both a red and white and black and white Holsteins. Elsie painted both while the silos were under construction and the staves remained on the ground.

Although their farm may have reached its physical limit, the Capps look forward to the growing popularity of the red and whites. The turnpike silo already has attracted one buyer from the road and consigment sales have proved useful in distributing the Capps' breeding from California to Maine.

This December, all eyes will be riveted on Dolly, the bull mother who may still present the Capps with a red and white Christmas.

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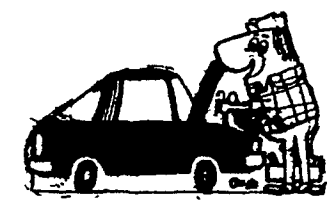

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Scientists redesigning alfalfa to help cut soil erosion

ST. PAUL, Minn. — Scientists are redesigning alfalfa in Minnesota for use as an annual to enhance the plant's value in crop rotations, one of the nations best tools for maintaining soil productivity.

The new alfalfa, expected to be available to growers sometime in the late 1980s, also could be grown where land now is fallowed, plowed and left idle for a year. Such a vegetative cover would help prevent water and wind erosion of exposed land.

A major goal of the research team, led by Donald K. Barnes, plant geneticist with USDA's Agricultural Research Service, is to breed an alfalfa for use as an annual crop that, besides providing feed for livestock, will leave 150 pounds of nitrogen an acre when plowed down for the following year's crop of corn or small grain.

In limited field tests to date, the team has increased grain yields by 11 percent as a result of added nitrogen provided a corn crop following an experimental alfalfa grown as an annual.

Alfalfa is one of the most efficient legumes in capturing nitrogen from the atmosphere through rhizobium bacteria that live on the alfalfa root nodules.

The researchers are using as one of their primary tools a composite breeding line of alfalfa dubbed BIC-7 (Beltsville International Composite). It was developed by Barnes in the 1950s at USDA's Agricultural Research Center, Beltsville, Md.

Since them, Barnes and other USDA scientists have improved the plant's resistance to insects and disease.

BIC-7 contains diverse genetic characteristics from alfalfa grown in all major producing areas and is used by plant breeders worldwide. Of particular importance in the St. Paul studies are selections that can grow late in the fall.

Barnes said the plants continue producing nitrogen until the ground freezes, long after most other alfalfas have gone dormant.

Working with Barnes on the project are USDA plant physiologists Gary H. Heichel and Caroll P. Vance and University of Minnesota forage production scientist Craig C. Sheaffer. Sheaffer leads testing of the experimental alfalfas in different cropping systems and under varying tillage practices.

A selection, Mn BIC-7, was grown in rotation with corn. Corn yields then were compared with those from corn grown on land planted in unselected alfalfa and land that has been fallowed. Through this yield comparison, Shaeffer and his co-workers measured how much nitrogen was available for increased corn production following the experimental alfalfa from which all vegetative growth was plowed under.

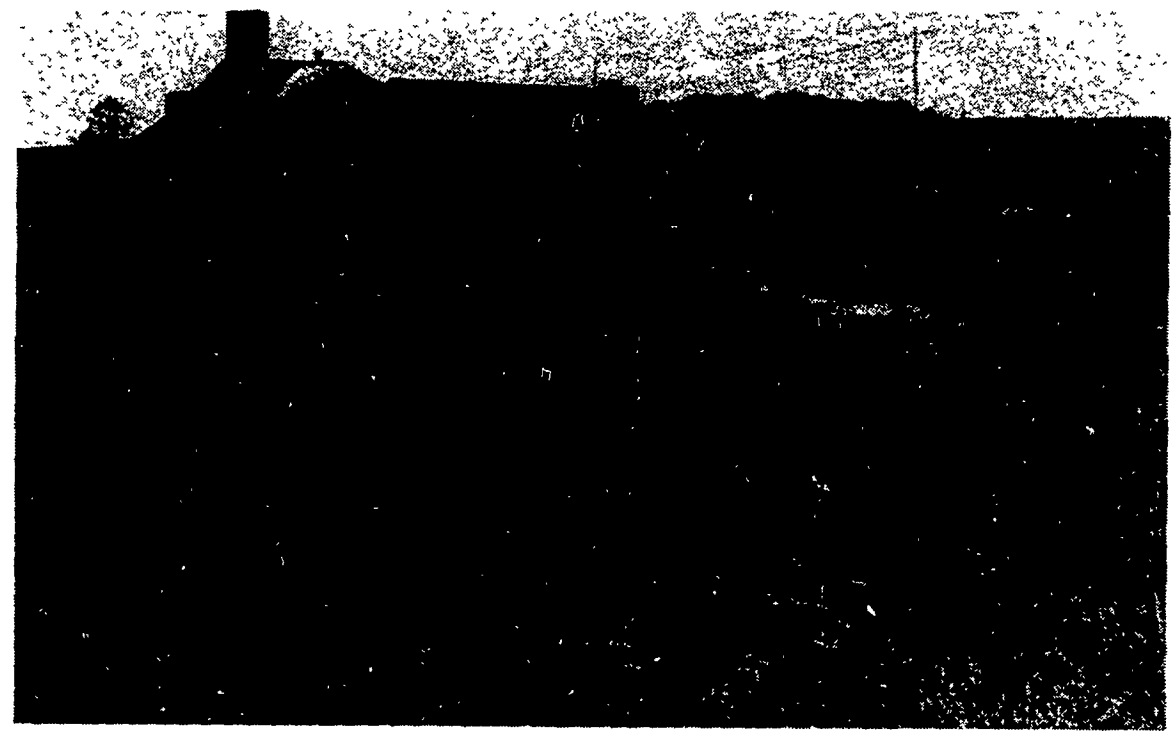
The added nitrogen from Mn BIC-7 converted to 11 percent more grain and 7 percent more fodder than from corn grown on land planted previously to unselected BIC-7 populations. Sheaffer said the net returns from corn grown following Mc BIC-7 were 37 percent greater than those from corn grown on land fallowed the previous year.

Much interest has been expressed, team members say, by agricultural leaders and growers in areas where wheat and other small grains are grown following fallow, including the northern Great Plains and northwestern United States, as well as Australia.

The team now has several experimental lines of alfalfa designed for use as annuals and enough seed for testing.

Beginning in 1982, tests were established at four locations representing conditions prevalent in the Middle West. The lines have been bred and selected for large root mass, increased storage of nitrogen in the roots without sacrificing top growth, late fall growth and resistance to diseases and insects.

"We're after a delicate balance required in an alfalfa grown as an annual in crop rotations," said research team member Heichel.



USDA scientists currently are developing a variety of alfalfa which can be used as an annual to enhance the plant's value in crop rotations. If used in a rotation with pasture, the crop would help prevent water erosion and maintain soil productivity, in addition to the benefits as a dairy and livestock feedstuff.

"It must be suitable to growers as a forage for hay or silage during the cropping season; it also must have rapid regrowth after cropping, and enough nitrogen in the roots and crowns, to provide a net gain of nitrogen to the soil for use by the next crop."

The best balance so far was realized when Mn BIC-7 was grown to one-tenth bloom stage, harvested for hay and allowed to grow until plowed under.

"That management system is fine for providing a net gain of available nitrogen in the soil, but it still may not be satisfactory to growers from a cost-benefit standpoint," said Sheaffer.

"Rainfall permitting, it may be more practical in Minnesota to take two cuttings, one in July and one early in September, and then plow under regrowth that occurs after the second cutting to about middle October.

"Selection for more fall growth provides a distinct advantage for alfalfa for use as an annual."

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Detect heat with hormone-treated cows, heifers

UNIVERSITY PARK — Most farmers can use help in determining which cows are in heat and when to breed them for the best conception rate. If heat detection is a problem in your herd, Michael L. O'Connor, Penn State dairy specialist, says consider using a hormone-treated cull cow or heifer to help detect heat.

"A cow or heifer treated with testosterone, a male hormone, becomes sexually agressive and will seek out and mount other cattle that are in heat," says O'Connor.

Usually the cow or heifer is injected every other day for 20 days to get her started and then injected at two week intervals thereafter. Testosterone implants are also effective.

Here are some additional tips on effective heat detection programs from the Penn State Extension specialist:

- Use a treated heifer or cow in combination with routine visual observations.
- Use a cow or heifer that was culled for low production but is large enough to mount other cows. Make sure the selected animal has sound legs and feet.
- Testosterone-treated females can be equipped with a chin marking halter or the herd can be marked with crayon so that cows in heat can be identified, especially during the evening hours.
- Testosterone-treated females can be as accurate in detecting heat as surgically prepared Gomer bulls. Treated females, however, avoid the danger of keeping a marker bull on the farm.
- Treated heifers may help stimulate shy "silent heat" cows to more readily express heat.

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Used 350 Chief grain dryer $2,950

PUBLIC SALE

To settle the Estate of Grace Thorne Stamp, we will offer for sale the following

TRACTORS, FRAM EQUIPMENT, TOOLS, HOUSEHOLD AND MISCELLANEOUS ARTICLES

Located approximately 40 miles South of Washington, D.C. - 20 miles South of Waldorf, Md. - approximately 3 miles North of the Potomac River Bridge. From Rt. 301 South Turn East on Cobb Island Road (Rt. 257) - Go approximately 5 miles - Turn left at S.L. Sim's Grocery on to Mt. Victoria Road - go approximately 2/10 of a mile - Turn right on Wicomico Beach Road - 1 mile to sale - Watch for signs

SATURDAY, NOV. 6
AT 9:00 A.M.

TRACTORS, FARM EQUIPMENT, SHOP TOOLS: 966 Int. diesel tractor with cab, air conditioning, with 562 hrs.; Int. 100 Ser. C. crawler/loader with 4 in 1 bucket, good undercarriage, with 1505 hrs.; Int. 444 tractor with 2001 loader; Int. 140 tractor with fast hitch and cultivators; Int. 140 tractor with plow; Int. 574 gas tractor with 710 hrs.; 300 Massey Ferguson Combine with grain table; Farmall C tractor and sickle bar mower; 1971 1600 Int. truck with Omaha dump bed and low mileage; 1974 Chev. Impala Station wagon; Int. 510 6 btm. semi-mount plow; 15 ft. Int. 470 transport disc; 990 7 ft. haybine; Int. 56 4 row planter with fiberglass fertilizer boxes; H5 Oliver corn picker; Int. 153 3 pt. hitch 4 row cultivator; Int. 440 baler like new; Int. 10A disc; Int. 5 bar hay rake; 209A Int. plow; 309 A Int. plow; Int. 6 ft. pull disc; 1 pt. 2 btm. plow; Int. 7 ft. disc; spike tooth harrow; 5 ft. Bush Hog; 3 pt. hitch sprayer; front blade for 140; 5 hay wagons; 109 Int. Cub Cadet hydrastat; 275 gal. fuel tank and pump; 2 275 gal. oil tanks - one with oil; lime spreader; grass seeder; lawn mowers; 2 wheel cart trailer; 2 storage trailers; one with wheat - one with soybeans; tobacco sticks; approximately 16 ft. long hypressure grease gun and pump; 24 ft. aluminum ladder; air compressor; approximately 200 cement blocks; tractor chains; hot bed frames and glass; and a large assortment of hand, garden and shop tools.

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TERMS: CASH. Nothing to be removed until settled for. ID will be required to acquire a bidding number.
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Jean M. Smart and Winston R. Thorne
Co-Administrators of the Estate Of
GRACE THORNE STAMP

Auctioneer: Edgar A. Bohrer
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AUCTIONEER'S NOTE: This is an accumulation of over 60 years. All of the equipment is in excellent condition. The equipment will be sold at 1:00 p.m.

Hunters should ask permission to hunt

HARRISBURG — The Pennsylvania Game Commission this year is making a special appeal to all hunters to ask permission before going onto private land.

In recent years, the agency has received increasing complaints that more and more hunters have been barging onto private property without first obtaining permission. Part of the agency's response has been its SPORT (Sportsmen Policing Our Ranks Together) program, which promotes ethical conduct by hunters.

Most complaining landowners, many of whom participate in the SPORT program, do not generally object to hunters or hunting, but feel they are entitled to more courtesy and consideration than often shown them in the past.

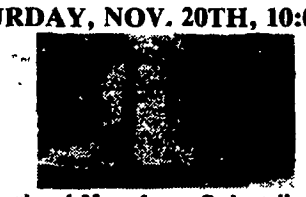
Most landowners readily grant permission to hunt if it is sought by responsible sportsmen. Those wearing SPORT buttons or similar identification are often more readily welcome.

Those who hunt without asking permission or otherwise irritate landowners risk the closure of the private properties to all hunters.

AUCTION

Land And Personal Property

SATURDAY, NOV. 20TH, 10:00 A.M.



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Spotlighting after midnight unlawful

HARRISBURG — All Pennsylvanians are reminded by the Game Commission that the practice of spotlighting after midnight is unlawful.

Although the spotlighting restriction has been part of the Game Law for more than a decade, apparently some persons are still not aware of the limitation.

Many persons, non-hunters as well as hunters, engage in spotlighting activities. It is an especially pleasurable pastime for parents who want their youngsters to see and enjoy wildlife, and for hunters who are trying to locate a big buck before the opening of the season.

But all are reminded that while the practice is permissible up until midnight, it is illegal to do so between midnight and sunrise.

PUBLIC SALE

OF VALUABLE REAL ESTATE

SATURDAY, NOVEMBER 6, 1982
At 2 P.M.

Located 3 miles East of Saxton, Huntingdon County, PA, off Rt. 913, East of Saxton, turn left at sign to Weaver Falls, cross Weaver Bridge, then left one mile on dirt road.

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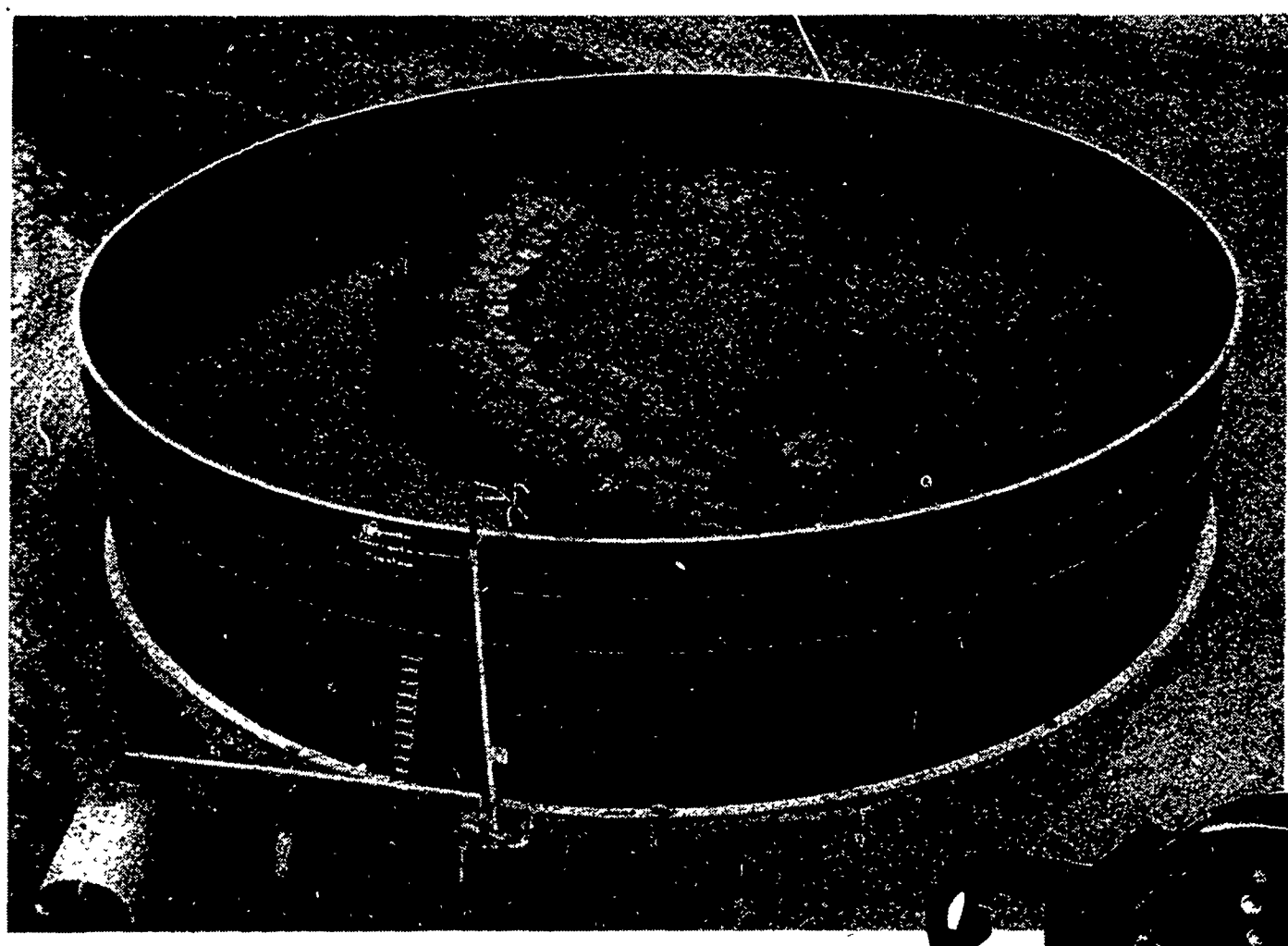

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Mitchell, left, Sean, center and Ryan Kopp are eager to work on their gingerbread cookies. Each of the boys selects a cookie cutter and presses it into the gingerbread dough which will turn out delicious cookies to give to the trick-or-treaters who show up at their door.

This guy will not show up at anyone's door demanding a treat. He just keeps a quiet watch over the Richard Manley home near Mountville. His over stuffed appearance suggests one too many pumpkin pies.

In their own special ways

Country folks enjoy Halloween too

"Don't you know it's the time of year.
When the witches and ghosts appear.
They come at night when there's no more light
Halloween is almost here!

If you look very carefully,
There's a goblin behind each tree.
But I must say, don't you run away
'Cause it might be me!

It is that time of year. Ghosts, witches, extra-terrestrials, fairies and other kind of strange folk are likely to knock at your door.

Most of these creatures, both frightening and friendly, are under four feet tall and quite harmless. Usually they expect nothing more than a smile and a small treat before they disappear into the night.

Halloween is a holiday which has its origins in pagan times, but the celebration of it has become very much a part of our society. While most farm families observe the occasion in some small way, the majority of them do not have large scale trick-or-treating as is the custom for their suburban and urban neighbors.

Some farm families bypass the holiday completely, since it comes at a busy time of the year when there is much farm work and little time to comtemplate making costumes or homemade treats for visitors.

For some families, especially those with small children, the holiday cannot be ignored, A few days before the big event pumpkins are carved or painted and bits and pieces of costume are gathered together.

As Mrs. Galen Kopp, R3 Mount Joy, puts it, "When I realized how much fun the children have, I thought I must take the time to do something with them." Their children are Ryan, 8; Sean, 5½; and Mitchell, 3½.

Halloween for the Kopp children means trick or treating with a few close neighbors and a few friends. Lilli Ann points out that they observe the trick or treat nights established by the different municipalities where their friends live. Because the Kopps live in the country and visitors to their home are limited to those who know them well, Lilli Ann and the boys often prepare a homemade treat.

This year they chose to make gingerbread cookies in shapes of the season and appropriately deocrated. Since two of the children also have November birthdays, the cookies ar

(Turn to Page B3)

Choosing the perfect pumpkin can be almost as time-consuming as carving it. Here the Hottenstein children look among the pumpkins offered for sale. Doug is on the left, and Johnny and Jim have Joy between them. It looks like she found the perfect one for a 16-month-old. At least it's small enough for her to carry!

Homestead Notes

Decorating the home for Fall usually coincides with Halloween. This attractive hall arrangement is in the home of Mr. and Mrs. Joseph Habecker, Marietta Pike, Lancaster. The corn, pumpkins and squash were grown in their garden, with the exception of the ceramic one which holds a candle for the season, and the two larger ones which are awaiting a sharp knife and a skilled hand to be carved.

These children look forward to creating their own pumpkin each Halloween. Since their parents operate a farm market and sold about 500 pumpkins this year, there were plenty to choose from, although they were restricted to some that were not ideally shaped. From left are Doug, 6; Joy, 16 months; Jim, 10; and Johnny, 13, children of Mr. and Mrs. John Hottenstein, East Petersburg.

Folks enjoy Halloween

(Continued from Page B2)

sometimes stored for classroom treats. This year there were pumpkins, autumn leaves, black cats, footballs and gingerbread boys. The boys roll and press out the cookies, and Lilli Ann usually adds the decorating touches after they are baked.

Another Kopp tradition is carving jack o'lanterns. Lilli Ann said they choose small, medium and large pumpkins to correspond with the size of the children. "They choose the face they like and draw it on paper and we do the carving. They love digging out the fiber and seeds from the pumpkins."

While the Kopp children are too young for parties, Galen and Lilli Ann will enjoy a costume party with friends from the Elizabethtown Church of the Brethren. Lilli Ann said, "We are going in total disguise. I've arranged to get large appliance boxes and I'm going to paint them to look like outhouses. We'll have to take them on our pick-up."

Carving pumpkin faces is a natural part of the celebration of Halloween for Carol and John Hottenstein's family. Carol raises pumpkins to sell at her farm market along State Road near East Petersburg, and after selling between 500 and 600 pumpkins to others, it's logical that there would be some available to her children.

The Hottenstein children are Johnny, 13; Jim, 10; Doug, 6; and Joyh, 16 months. Joy needed some help with hers, but the boys designed their own pumpkin faces. They also have the pick of literally hundreds of pumpkins, but Carol says they usually must take some that are misshapen. The older children also help to harvest the pumpkins and bring them from the fields where they go to the market.

Jim said one of the criteria for him is to choose one "that has a handle on it." They all agreed that they like to make happy pumpkins. Thirteen-year-old Johnny decided to make his truly unique and added corn silk for a fascinating mustache and hair.

Nelson and Janet Habecker, R2, Lancaster do not have an elaborate Halloween celebration. Janet explains, "We go to other farm families in the neighborhood and Grandma's across the road. Being home and having others stop in is as much fun for us as going out. Our girls are usually some kind of friendly character. We keep it on a low key." The Habecker children are Heidi, 10, and Melody, 8.

She added, "The fun thing is putting on a disguise and waiting to have people guess. We go mostly to farm families - just four or five. The farm families around here know each other, and we give snacks that are nutritious. We like apples or rice krispy candy."

Mrs. Kenneth Zurin, R3 Mount Joy, said candidly, "We don't do anything, But my fourteen-year-old Scott buys the children suits at K-Mart and he takes them trick or treating to nearby homes and to the trailer court near our farm. We are too busy in the fields. It comes and goes and Ken doesn't even know it."

She said her older son enjoys helping the youngsters, Nichole, 4, and Michael, 3, go trick or treating and also likes to help them eat their treats.

Jim and Shirley Hershey, R3 Elizabethtown, also celebrates Halloween in a very small way. Shirley says, "Our little boy is three and we have taken him to Grandma's in nothing more than a sheet. I think Halloween has gotten out of hand and I'm glad we live in the country."

She said her family has participated in socials which sometimes include pumpkin carving. This year she and her husband are hosting friends from the Marietta Coummunity Chapel for a hay ride and party their barn which will include a "scary hay tunnel."

An unusual twist to this get-together, organized by Mrs. Robert Harnish, Mount Joy is that those who dress in costume are requested to dress in a character from the Bible. Since this could be anyone from a well-known Biblical

(Turn to Page B4)

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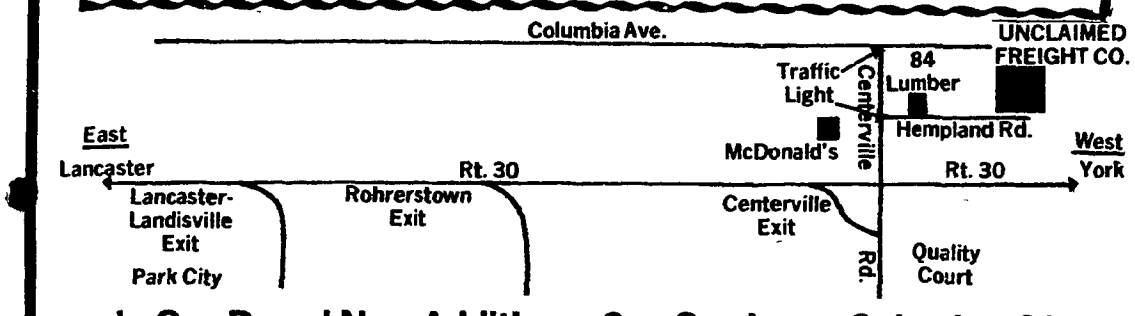

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Folks enjoy Halloween

(Continued from Page B3)

character to a queen to an angel, the variety is endless, and should be interesting.

Marty says the reason the social committee decided to use Biblical characters is that "instead of witches we wanted to put more of a spiritual emphasis on it. We wanted to show that we as Christians can have a good time and do our own thing."

Because there are five members of her family she had hoped they could go as something like the five loaves, but the children wanted to be individuals. Ten-year-old Greg will portray Moses with the ten commandments made from styrofoam. Six-year-old Kristen will be David the shepherd, and three-year-old Marcy will be the sheep. Bob wants to portray Job and Marty will be his wife.

The Hersheys will probably keep with the theme by having Jim wear a cow mask that they used once before. Shirley was uncertain how the rest of the family might dress. Their children are Mark, 3, and Tara, 1.

With tales of black cats and ghosts abounding at this season, it's not hard to believe that the traditions of Halloween originated in the superstitions and fears of ancient pagan people.

Among the Celts the occasion at the end of October was known as All Hallows Even, and it was a time for relatives of the deceased to host the souls of the dead which came back to their homes in the form of hungry, shivering ghosts. These spirits were believed to warm themselves by the fire and enjoy food prepared by their relatives.

The Christian celebration of Halloween is an extension of these early pagan beliefs. Since the early church could not change the pagan customs, they accepted them and gave them a religious meaning. Pope Gregory IV set aside November 1 as All Saints Day, commemorating martyrs who became saints. This day is celebrated in Christian churches today and is a time for remembering those who have died.

The superstitious peasants of earlier times believed in witches which cast spells and brought on sickness and bad luck. They were said to fly through the air, often astride a broom. Since most witches were believed to be old, brooms were probably selected as their transportation because brooms were stored on the hearth were old women often huddled by the fire to warm themselves.

Black cast have also become symbolic of Halloween primarily because they were believed to be witch's companions and often people thought a cat might be a transformed witch and they were therefore afraid of them. Cats were thought of as evil because they prowl at night under the moon, and because their eyes seem to glow in the light of the moon.

If a cat is among your visitors this Halloween, it is more likely to be that ubiquitous cat Garfield or some other harmless creature who would rather have a sweet treat than a dish of warm milk.

The custom of trick or treating - so much an American institution, began in Ireland hundreds of years ago when a group of farmers went from house to house begging food for the village Halloween festivities in the name of their ancient gods. They promised good luck to generous donors and made threats against those who would not give. Perhaps the large Irish immigration to the United States helped foster the celebration in this country.

The idea of performing tricks is far from new. Newspaper accounts of the 1880's reported on Halloween tricks performed by young people and rural citizens may recall tales of wagons and animals which mysteriously found their way to roof tops.

This is the weekend to be on the lookout. Halloween is here!

Ladies Have You Heard?

By Doris Thomas

Lancaster Extension Home Economist

Deflect Diet Disasters

Does an invitation to lunch or dinner turn into a diet disaster for you? It does for many who are otherwise conscientious, steadfast, and strict about following their diets.

Here are some tips to help you strengthen your resolve and solve your problems at the restaurant.

Planning ahead is the key because last minute decisions often lead to implusive eating. Before you go, decide what you're going to eat. A long lingering look at tempting selections inevitably leads to an order of high-calorie foods.

For your entree, select broiled or baked items rather than calorie-laden fried foods. Skip anything served in a sauce or with gravy. Ask for a slice of lemon to give plain food a little zip.

Some restaurants serve mammouth portions. Since you are trying to eat for less than one, keep your serving to three or four ounces and take the rest home for another meal — you'll save both calories and money. Most restaurants are quite used to supplying extra-portion bags, sometimes called "doggie bags."

Salads can be a tasty low-calorie choice. Unless, of course, you get carried away at the salad bar and load up on potato salad, macaroni salad, gelatin with whipped topping or anything else prepared with dressings or toppings. These should be avoided like the plague!

Stick to the basics — raw fruits and vegetables, with a dash of vinegar for flavor — or have marinated vegetables such as a three bean salad. Once you've served yourself these, don't ruin it by adding just a spoon of bacon, cheese or croutons — those are not for you.

You can also cut your calories when you order a beverage. Limit yourself to one drink if you are having alcohol and keep in mind that dry wine has fewer calories than sweet wine. Having a glass of water or dry soda before ordering a mixed drink helps keep you from wanting another. Even better, why not skip alcohol altogether and have a glass of fresh fruit juice, a vegetable cocktail, skim milk or unsweetened iced tea?

Winter Melons

If you're a melon fan, now's the season to indulge yourself. If you aren't a fan . . .it's a good time to become one. Melons are plentiful and there are many varieties to choose from. Along with the traditional favorite - the cantalope - retailers are now stocking the less familiar winter melons. These include the Honeydew, Persian, Crenshaw, Canary and Santa Claus.

Many people are hesitant to try winter melons. Their size and cost are major reasons. But if you have the chance, why not try some of these new varieties. Give your taste buds a change of pace. You may discover you prefer the flavor and texture of the winter melons.

No matter what the variety, all melons should be kept at room temperature for a day or two after purchase. This makes the flesh softer and more juicy, but it doesn't sweeten the melon. The sugar content of a melon does not increase once it's picked.

Melons should be wrapped in plastic when stored in the refrigerator. As they ripen, melons give off an ethylene gas which can cause some vegetables to age. It can also create an off-taste in butter.

Chester to hold holiday meeting

WEST CHESTER — The Chester County Extension Service will hold a Homemaker's Holiday Meeting on Thursday, November 11, from 9:30 a.m. until 2:15 p.m.

The day's events will take place at the West Chester Inn, 943 S. High Street, (at Route 202 by-pass), West Chester.

The meeting is open to the public. There is a registration fee which includes cost for lunch. Deadline for registration is November 5. For further information call the Extension Service at 696-3500.

The program will feature Anna Adams with her anecodotal view of domestic activities of early 19th century life. She will include a discussion of techniques of open fire cookery from ancient to modern times with an emphasis on Early American tools and procedures. Anna is a culinary historian associated with Old Sturbridge Village specializing in fireplace cookery.

Gertrude Lyman of the Storyteller League will capture and reflect on family traditions and special events that are a part of this season of the year.

Mary Clare Reinwald of "Just 4 Ewe" will display a collection of hand-made dolls that she has designed and tell how she initiated her small business as well as give a historical perspective on dolls.

Those planning to attend the program are invited to bring handmade ornaments and handcrafted articles to display and share ideas for holiday decorating.

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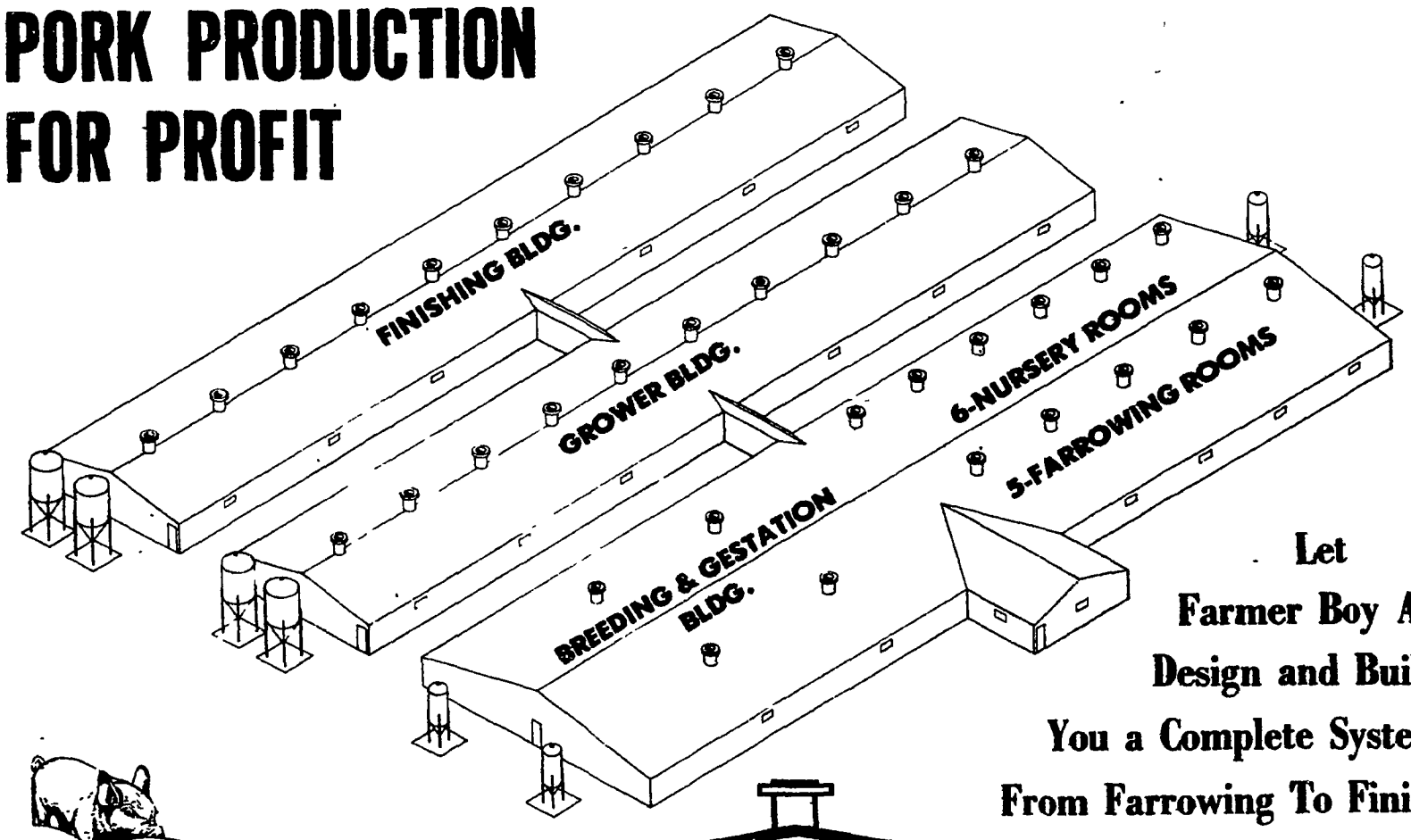

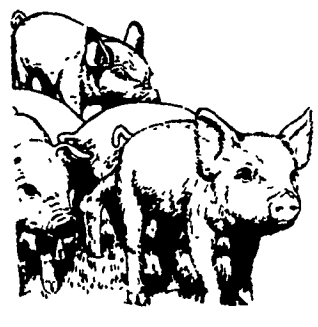

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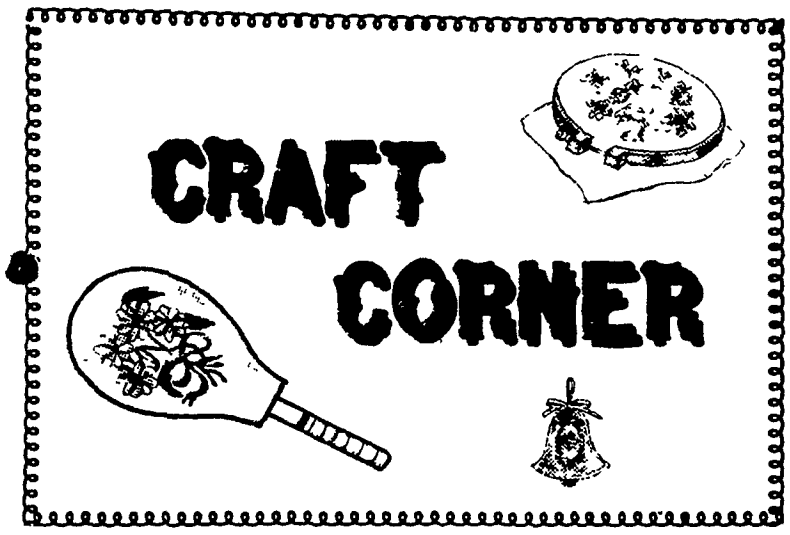


Cozy slipper-boots

Before winter sets in, why not make yourself a warm pair of slippers?

Ankle-high boots, with fake fur inside and bright fabric outside, are simple to make and wonderfuly comfortable on the coolest days.

The only supplies required are fabric scraps, trims and cushioned insoles from the dime store.

If you start now, you can make slipper-boots — not only for yourself — but for everyone on your gift list by Christmas.

Here are directions for the slipper-boots:

MATERIALS: Felt, cotton suede, velour or quilted fabric for outside of boots; felt fake fur or terry cloth for inside of boots; cotton suede for sole bottom; cushioned insoles in proper size; paper, pencil and ruler; sewing supplies; optional; ribbon trims, embroidery supplies.

SOLE PATTERN: 1. Trace around insole on paper, adding ¾ inch all around. 2. Using resulting boot pattern, cut four pieces for the outside and four pieces for the lining.

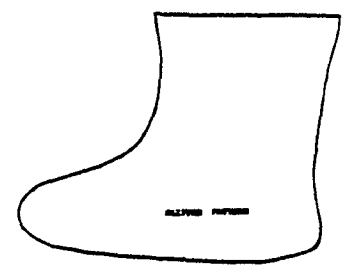
DECORATION: 1. If desired, stitch ribbon trim to outside pieces of each slipper. 2. Stitch ribbons in vertical or horizontal or diagonal rows. 3. Embellish with embroidered initials or designs.

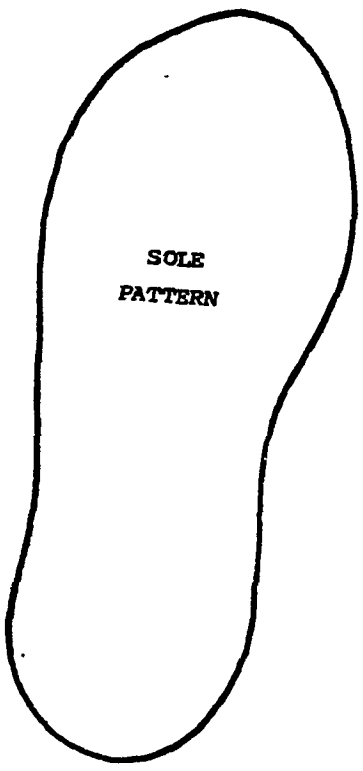
SLIPPER: 1. With right sides facing, pair up outside pieces of slipper. 2. Stitch front seam. Clip curves; press seam open, 3. Topstitch along both sides of seam. 4. Stitch back seam. Press seam open.

LINING: 1. Repeat "slipper" directions for lining pieces. 2. With right sides facing, stitch outside slipper to lining at top edge. 3. Turn slipper to right side. 4. Topstitch along upper edge.

SOLE: 1. With right sides outside, sandwich insole between sole bottom and lining. Baste outer edge. 2. With right sides facing, baste slipper to sole. Leave 4 inches open for turning. 3. Turn to right side. Tuck in raw edges at sole. Stitch opening closed with tiny, hidden stitches.

FINISHING: 1. Fold over a cuff if desired. 2 Add embroidery, tassels or pom-poms as desired.





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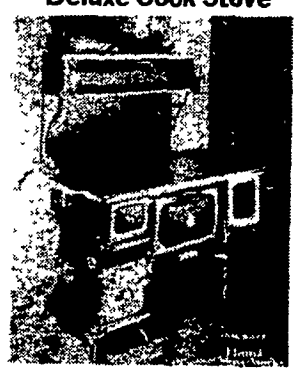

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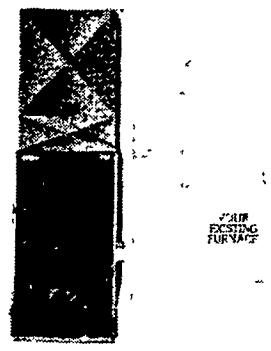

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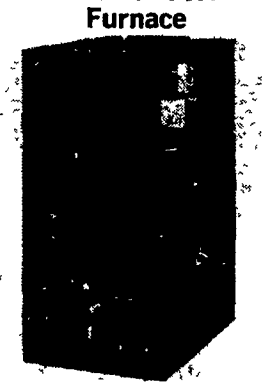

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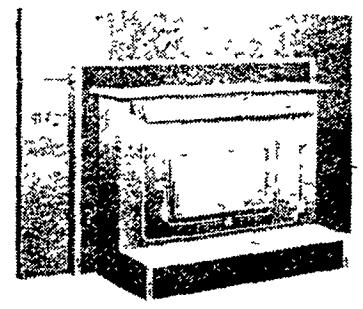

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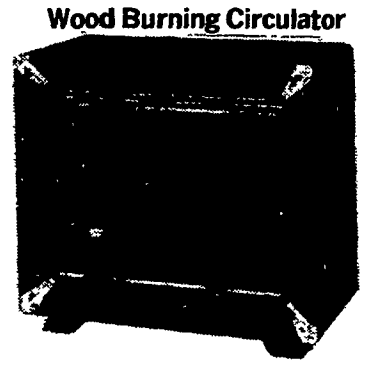
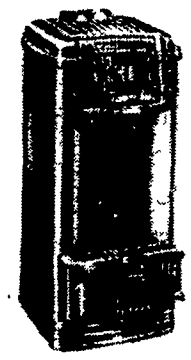
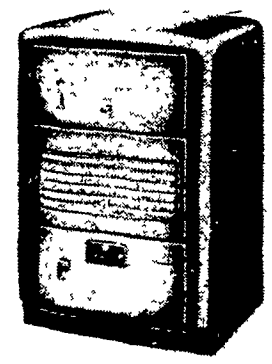
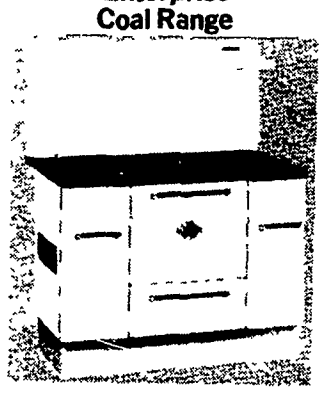






Enterprise
Coal Range



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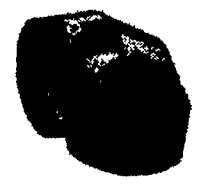

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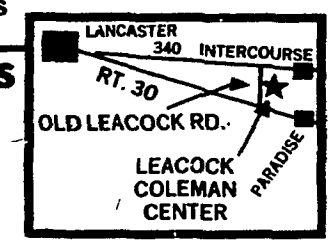

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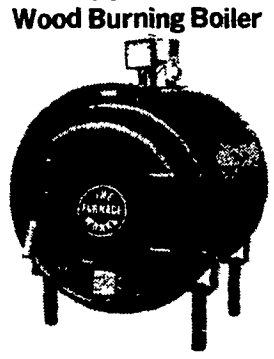

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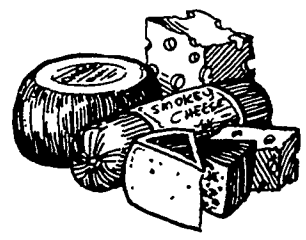

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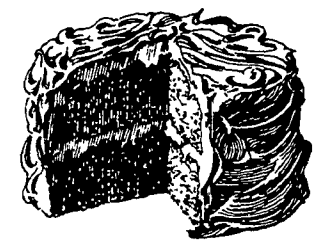


Pumpkin wears many faces

There are many faces to a pumpkin. The colorful autumn fruit's versatility extends far beyond traditional Jack-O'-Lanterns or Thanksgiving and Christmas pies; although these are the most popular uses.

Peak season for pumpkins is October, when about 80 percent of the supply is available. This member of the squash family varies in size from the small sugar pie variety to the jumbo or field type. Pumpkins are a good source of vitamin A, and they are low in calories, sodium and fat.

Select fresh pumpkins that have a hard rind or shell. Softness may indicate immaturity, thin flesh, and lack of flavor. Examine the shell carefully for decay, which usually appears as a water soaked area, sometimes with brown or black mold growth.

To bake, wash the pumpkin and cut in half crosswise. Remove the seeds and string portion. Place the pumpkin in a pan, shell side up, and bake in 350 degree oven until it is tender and begins to fall apart. Scrape the pulp from the shell, and beat it with an electric mixer, or process in a food processor until smooth.

The pumpkin is now ready to use in pies, custards, breads, puddings, soups and cakes. Toast the seeds for added nutrition and economy.

Autumn Gold Chiffon Pie, decorated with toasted pecan "trees," deliciously combines orange and coffee flavors with the traditional taste of pumpkin spice.

AUTUMN GOLD PIE

1 c. all-purpose flour
2 T. shredded orange peel
1/4 t. salt
3 T. butter
2 T. lard
3-4 T. orange juice

Filling:

1/2 c. water
2 t. instant coffee
2 T. (1 envelope) unflavored gelatin
1 1/2 c. canned pumpkin
1/3 c. lightly packed brown sugar
2 T. shredded orange peel
1/2 t. salt
1/2 t. cinnamon
1/4 t. allspice
1/4 t. ginger
1/4 t. nutmeg
3 egg yolks
1 c. dairy sour cream
3 egg whites
1/4 t. cream of tartar
1/3 c. sugar

In a large mixing bowl combine flour, orange peel and salt. Cut in butter and lard until mixture resembles small peas. Sprinkle orange juice over flour mixture, 1 T. at a time, mixing lightly with fork after each addition. Gather the dough with fingers; shape into a ball. On lightly floured surface roll into an 11-inch diameter circle. Place in a 9-inch pie plate; flute edge. prick bottom and sides with a fork. Bake in a preheated 400 degree oven, for 10-12 minutes. Cool on wire rack.

To prepare filling: In a 2-quart saucepan combine water and coffee. Sprinkle over gelatin to soften; heat to dissolve. Stir in pumpkin, brown sugar, orange peel, salt, cinnamon, allspice, ginger and nutmeg. Heat to simmering; blend a small amount of hot mixture into egg yolks; return all to pan. Cook one minute. Do not boil. Remove from heat. Chill until partially set. Blend in sour cream. Beat egg whites until foamy; add cream of tartar and beat to soft peaks. Gradually beat in 1/3 c. sugar until stiff peaks form. Fold into pumpkin mixture. Mound into crust. Chill until firm, (6 to 7 hours). Garnish with toasted salted pecan, if desired.

PUMPKIN BREAD

2 c. flour
1 c. sugar
1 t. baking soda
3/4 t. salt
1/2 t. baking powder
1/2 t. each cinnamon or nutmeg
1/4 t. ginger
1 c. canned or cooked pumpkin
1/2 c. oil
1/3 c. water
2 eggs

Mix dry ingredients thoroughly in a large bowl. Beat pumpkin, oil, eggs, and water together. Add to dry ingredients. Stir just until dry ingredients are moistened. Do not overmix. Pour into greased loaf pan. Bake one hour in 350 degree oven or until toothpick inserted in center comes out clean. For faster baking, use baby loaf pans.

TOASTED PUMPKIN SEEDS

2 t. melted butter or margarine
1 T. cooking oil
1 c. pumpkin seeds
1/4 t. salt

Wipe fiber from seeds but do not wash. Mix melted butter and cooking oil together, then coat seeds. Spread thinly on shallow cooking pan. Sprinkle with salt. Toast in preheated moderate 350 degrees oven for 20 minutes until golden brown and crisp, stirring occasionally.

PUMPKIN-MOLASSES CUSTARD

1/4 c. brown sugar
1/4 c. milk-flavored molasses
few grains salt
3 c. milk, scalded
1/2 c. pumpkin, canned or cooked and mashed
1/4 t. cinnamon
few grains nutmeg
few grains ginger
3 eggs, slightly beaten

Stir sugar, molasses, and salt into milk, making certain that sugar is dissolved. Heat to scalding temperature. (Mixture will coat side of pan. Do not boil.) Blend pumpkin and spices with beaten eggs, add hot milk. Bake in individual custard cups or baking pan, set in hot water, at 375 degrees until custard is set.

PUMPKIN COOKIES

1/3 c. shortening
1 c. sugar
2 eggs
1 t. lemon extract
1 t. vanilla
1 c. mashed, cooked pumpkin
2 1/2 c. flour
4 t. baking powder
1/4 t. salt
1/2 t. ginger
1/2 t. nutmeg
1 c. raisins
1/2 c. chopped nuts

Cream shortening and sugar. Beat in eggs. Add vanilla and lemon extract. Blend in pumpkin. Sift dry ingredients thoroughly and add gradually to pumpkin mixture, blending thoroughly. Drop by teaspoonfuls onto greased cookie sheets. Bake about 15 minutes in 375-degree oven. Makes 4 dozen cookies.

PUMPKIN CUSTARD

one 9-inch unbaked pie shell
2 c. pumpkin
2 1/2 T. flour
2 egg yolks, reserve whites
1/4 t. cinnamon
1/4 t. cloves
1/4 t. nutmeg

Mix all above ingredients then add the following in order:

1 c. brown sugar
1 T. soft margarine
1 c. milk

Beat egg whites and add last, folding in gently. Pour into unbaked pie shell and bake 45 to 50 minutes at 375 degrees or until knife inserted into center comes out clean.

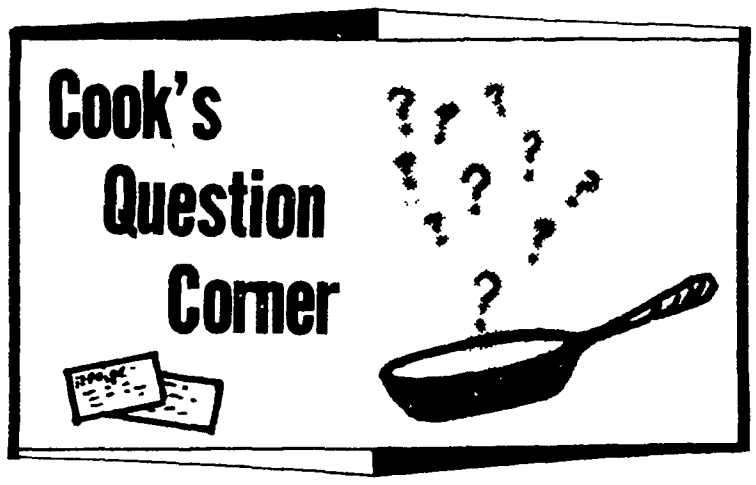
Nancy Kramer, Newmanstown

PUMPKIN BREAD

2 3/4 c. granulated sugar
4 eggs
2/3 c. shortening
2 c. pumpkin
2/3 c. water
3 1/2 c. flour
1 t. salt
1 t. baking powder
2 t. baking soda
1 1/2 t. cinnamon
1/2 t. cloves
1/2 t. ginger
1 c. chopped nuts
1 c. raisins

Mix the first four ingredients and blend well. Then add dry ingredients alternately with water. Last add nuts and raisins and pour into a greased 9x5x3 inch loaf pans. Bake at 350 degrees for 1 1/4 hours.

Nancy Kramer, Newmanstown



NOTE - A venison recipe we published recently had a mistake that you might want to correct if you saved the recipe. The recipe was published in the October 16 issue on page B8. Instead of reading "2½ t. salt and pepper in warm water," it should read "2½ saltpeter melted in warm water." The entire recipe reads as follows:

SWEET DEER BOLOGNA

10 lbs. deer meat
1 lb. brown sugar
1/4 t. red pepper
1 t. black pepper
2½ t. saltpeter, melted in warm water
6 oz. salt
1/2 t. mace
2 c. Karo light corn syrup

Mix all ingredients and pour over deer meat. Mix and stuff in bags. Hang for 2 days before smoking. Smoke 3 times every 7 days. Let hang for about 2 months before cutting. Hang in cool place.

Mrs. Vivan Heffner, Windsor

Recipe Topics

November	
6	Eggs
13	Cheese
20	How about some EASY pies?
27	Light meals after the holiday
December	
4	Christmas cookie time
11	Have an unusual holiday dish?

Farm Women Societies

Lancaster Co. Society 8

Lancaster Farm Women 8 met at the home of Anna Keener of Elizabethtown, recently to elect officers and auction goods.

Elected were Kathryn Erb, president; and Bonnie Funk, vice president.

Society 8 will meet at the Mount Joy Mennonite Church to leave for a trip to Longwood Gardens, on Tuesday, Nov. 16.

Lancaster Co. Society 27

Lancaster Farm Women 27 met recently at the home of Martha Garber to hear speaker Phyllis Sauder talk about Hospice.

Several members of the Society helped with a salad bar at the Extension's "Christmas in October" program.

York Co. Society 26

York Farm Women Society 26 met at the home of Reba Wise for an October business meeting.

Members voted to donate money to the York Haven, Newberrytown, Goldsboro, Strinestown, and Lewsiberry community fire companies, and to the Cancer Fund and the American Lung Association.

Society 26 plans a trip to Bethlehem, Pa. to see Christmas decorations.

The November meeting will be held at the home of Mabel Miller.

Governor Dick Thornburgh Lt. Governor Bill Scranton:

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  - Agricultural Areas Act
  - Right to Farm Act
  - Milk Producers Security Fund
  - Farmland Management Act
  - Changes in inheritance and capital stock taxes to help family farmers

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Vote for Governor Dick Thornburgh and Lt. Governor Bill Scranton on November 2, for four more years of progress for farmers.

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FmHA to drop interest rates

WASHINGTON, D.C. — Interest rates for loan programs of the U.S. Department of Agriculture's Farmers Home Administration, which were lowered last month, will drop again effective Nov. 1, Secretary of Agriculture John R. Block announced Tues.

Block said the additional reductions, which are as much as two percentage points for some loans, are possible because of the general move toward lower interest rates across all sectors of the economy.

"Lower interest rates for Farmers Home loan programs will be of great benefit to the entire rural economy and particularly for the nation's farmers who depend on credit so heavily," he said.

In the farmer programs, the interest rates for farm operations loans will go from the present 13.25 percent down to 11.5 percent. Farm ownership loans will be reduced from the present 13 percent to 11.5 percent. Interest rates for limited resource farm operations loans will be lowered from 10.25 percent to 8 percent and limited resource farm ownership loans drop from 6.5 percent to 5.75 percent.

Some loans to help farmers recover from natural disasters will have a lower interest rate. The rates for production loans to farmers who need financing above the actual loss but who cannot set credit elsewhere will be lowered from 15.5 percent to 14 percent. For those who can set these natural disaster loans elsewhere but choose to deal with Farmers Home, the rate will go from 16.25 to 14.25 percent. The rate for actual loss loans remains at 8 percent. The rates for economic emergency loans will also be reduced. Economic Emergency production loan rates will be reduced from 13.25 percent ot 11.5 percent and Economic Emergency real estate loans go from 13 percent down to 11.5 percent.

Interest rates for single family housing loans will drop from 13.125 to 11.5 percent except for those who can afford the rates charged by the Department of Housing and Urban Development. Their rates will drop a full point from 13.5 to 12.5.

Loans for multi-family housing will be reduced from 13.125 to 11.5 percent.

U. of D. co-ed is curious about cows

NEWARK, Del. — Adriann Weiler grew up surrounded by all kinds of animals — wounded birds, stray dogs and cats, chicks, rabbits, guinea pigs, and a pair of mice that soon grew into a family of 100.

Adriann's salesman father Morrie raised tropical fish and canaries as a hobby. Her mother Marilyn, a teacher, collects monarch butterflies. Every August the entire family joins in a search for caterpillars.

Adriann worked part time for a small animal veterinarian while a student at Tower Hill School in Wilmington. When the time came for college, she enrolled in the University of Delaware College of Agricultural Sciences with the idea of becoming a vet.

Once she discovered dairy cows, however, she lost interest in working with dogs and cats, whose ailments are very much like those of humans. She finds dairy cows much more interesting anatomically, and to a girl from the suburbs, dairy cows are downright exotic.

A petite person herself, Weiler's favorite cows are Guernseys, which are relatively small and gentle with large, soulful eyes. They also seem to have more personality than Holsteins or some of the other breeds, says this dairy enthusiast.

It was in freshman animal science lab that Weiler first made the acquaintance of the bovine crowd. She enjoyed the class tremendously, but wished she'd had more opportunity for hands-on ex[illegible] On her own initiati[illegible] she surveyed her classmates and compiled a list of other ideas for course improvements, which she presented to professor, George Haenlein.

Haenlein was very receptive. In fact, he took Weiler on as a teaching assistant and revamped the course with her assistance. Last year she helped him teach the lab, and also worked with him on a special research problem involving the university dairy herd. She wanted to learn whether cows of various ages give more or better milk in the morning or in the evening. She concluded that as long as the milkings are 12 hours apart, there's no appreciable difference.

This year Weiler is handling the freshman dairy lab herself — teaching everything from artificial insemination to cheese making. Haenlein is also permitting her to do some classroom lecturing and to assist him with his Extension responsibilities.

To broaden her experience even further, she's taking personal instruction from a dairy herd verterinarian.

Weiler, now a junior, plans to work toward a degree with distinction in some aspect of dairy science, probably nutrition. She'll make the choice later this semester.

She is not yet sure whether she prefers a career in dairy research, education, or Extension work, but by graduation she should be able to make a choice.

Adriann Weiler explains dairy management practices to students in introductory dairy lab.

4-H agents to meet in Baltimore

BALTIMORE, Md. — Nearly 900 persons from all 50 states and the District of Columbia, plus Puerto Rico and the Virgin Islands, will gather this week in Baltimore for the thirty-sixth annual conference of the National Association of Extension 4-H Agents.

A few professional youth workers from Thailand and the African republic of Botswana are also expected to attend, according to Ruth A. Proctor of Wheaton, the conference chairman. Proctor is a Montgomery County Extension 4-H agent, headquartered at Gaithersburg, Md.

Conference registration will get under way on Sunday, Oct. 31, beginning at 9 a.m. in the Baltimore Hilton hotel. Most program and banquet sessions will be held in the Baltimore Convention Center. The meeting will run through Thursday, Nov. 4.

Keynote speaker for the opening session at 9 a.m. on Monday will be Eugene (Pete) Williams, deputy administrator for 4-H and youth with the Extension Service of U.S.D.A. Williams will speak on the conference theme, "4-H — A Creative Future."

Four half days during the week will be devoted to educational seminars on 69 different topics, ranging from "Using Computers With the Handicapped" to 4-H marine science programs.

Non-business highlights will include an early-morning, one-mile fun run on Monday through the Inner Harbor area; the annual Distinguished Service Award banquet on Tuesday night; an evening at the National Aquarium on Wednesday, and tours of Baltimore and the surrounding area on Thursday afternoon.

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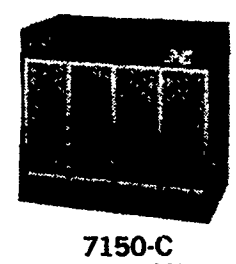
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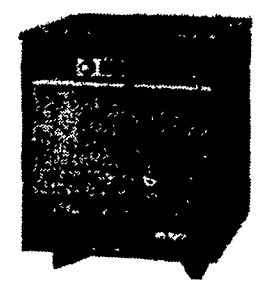
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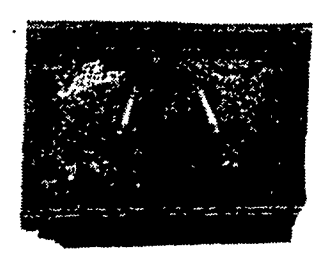
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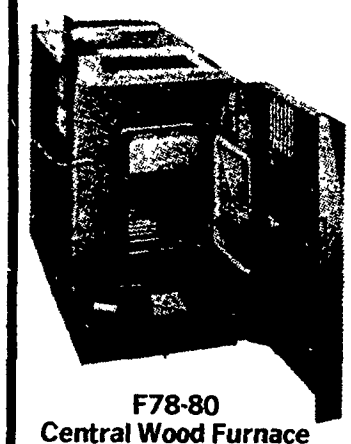
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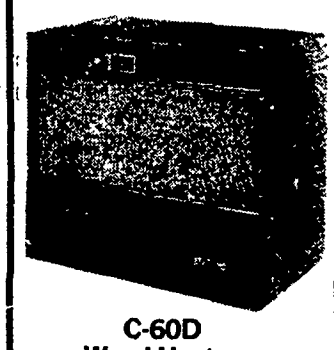
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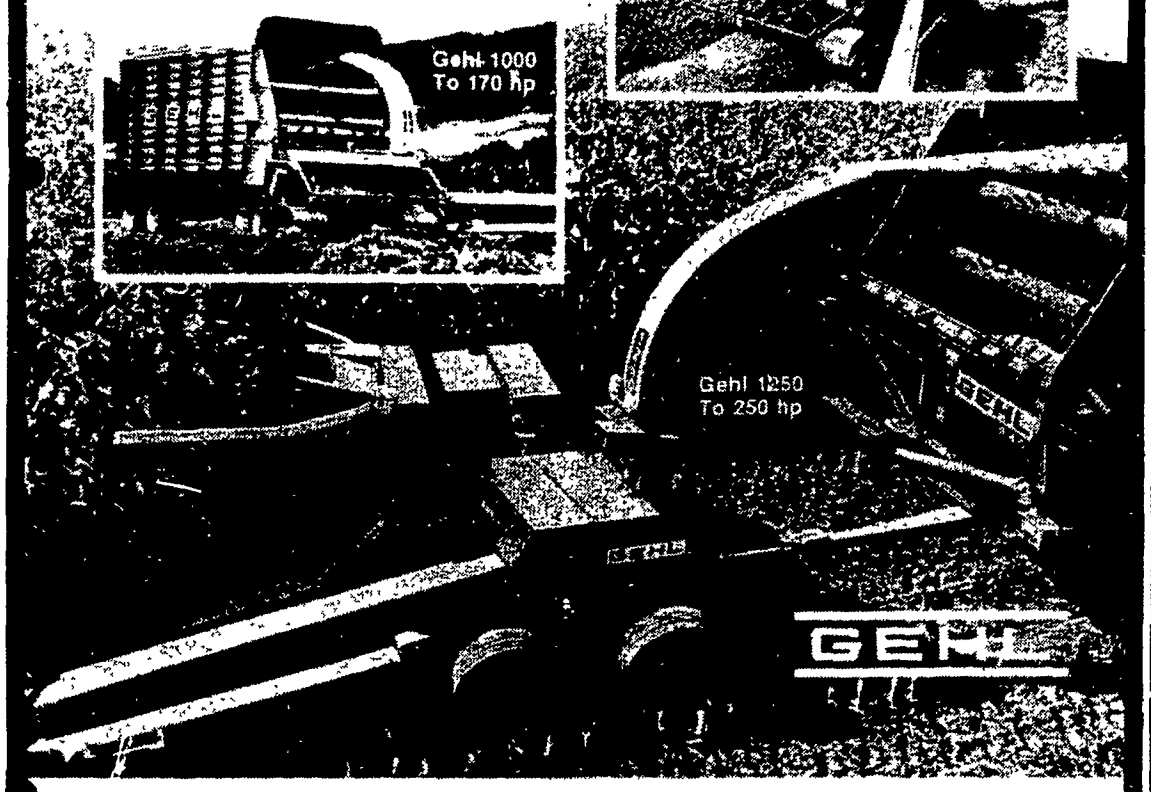

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Farm Women to celebrate 65 years

LANCASTER — Lancaster Farm Women Societies will celebrate their 65th anniversary on Saturday, Nov. 6, at the Farm and Home Center, here, with speakers and a dinner.

Registration will begin at 9 a.m. with Fran Sauder, county president conducting the services.

Following dinner a new county secretary and treasurer will be installed.

The highlight of the convention will be a presentation titled, "Memories" by guest speaker Marianne Fischer. Fischer's memories take her back to wartime Hungary. She will relate her struggles from a young Jewish woman in Hungary, persecuted for her religious beliefs, to present day life as a Christian in the United States.

Marianne Fischer

Officers are expecting members from all 33 societies to attend as well as Farm Women from surrounding counties.

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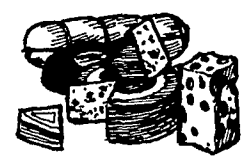
Penn State Dairy Science Club Christmas Cheese Sale



Contents:

- 1 lb. of Regular & Smoked Cheddar Cheese
- 1 lb. cup cream cheese
- 5 oz. cream cheese spread
- 1 lb. jar of honey and small trimmings

Cost: **$17.00** delivered UPS in Continental U.S.
$15.00 picked up

Clip 'n Mail the coupon below to:

Penn State Dairy Science Club
c/o Christmas Cheese Sale
203 Borland Laboratory
University Park, PA 16802

Orders msut be received by November 19, 1982
Boxes will be mailed no later than Dec. 8, 1982
OR Pick up your box at 204 Borland Laboratory
Dec. 6-10 and 13 8 AM - 5 PM

Please mail my Dairy Science Cheese box to:
Name: _____
Address: _____
City _____ State _____ Zip _____

My (sender's) Name: _____
Address: _____
City _____ State _____ Zip _____

Best Wishes to the Dairy Science Club for a Successful Cheese Sale From Lancaster Farming's Penn State Graduates

Dick Anglestein
Donna Tommelleo
Sheila Miller
Jody Remlinger

Kid's Korner

Because horses develop a thick coat of hair in winter, they do not need a tightly closed barn or shed; just one free of drafts. And remember, they still need to be out in the winter to enjoy fresh air and a hearty work-out. Photos by Dorene Weaver.

Winter is on its way! So start now to prepare your frisky equine friend for the cold season ahead. Good winter care includes daily exercise, a good diet of hay, and protection from rain, snow, drafts and strong wind. You also may want to give him free to "visit" neighboring cows and calves!

Winterize your horse now

LANCASTER — Start now to prepare your horse or horses for winter. Good winter care includes daily exercise, a good diet of hay, and protection from rain, snow, drafts, and strong wind.

It is important that stabled horses be exercised daily. Long periods of inactivity can cause serious foot and leg trouble to develop.

Fifteen to twenty minutes of daily exercise will help keep the horse in good shape. This can be accomplished in winter with space and a light rope attached to the horse by knotting one end loosely around the horse's neck. The trainer stands in one place while the horse runs in a circle.

If the horse is not ridden regularly in winter, it is a good idea to remove the horse's shoes and let him run barefoot; the feet should still be trimmed about every six weeks.

Because horses develop a thick coat of hair in winter, they do not need a tight barn or closed shed. They do need a dry place where they can go for protection from rain, snow, drafts, and cold wind.

Most of the horse's winter nutritional requirements are met by feeding good quality hay.

To help you provide proper care for your horse, Penn State has a course titled, Light Horses.

Written by Thomas L. Merritt, professor of animal science at Penn State, you can get a copy of the complete course by sending $9.75, (including postage) to HORSES, Dept. 5000, University Park, PA 16802. Make check payable to PENN STATE.

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1.	BLACK	6.	ORANGE
2.	RED	7.	GREEN
3.	YELLOW	8.	LT. BROWN
4.	BLUE	9.	LT. BLUE
5.	PEACH	10.	LT. GREEN

HALLOWEEN IS A FESTIVAL CELEBRATED ON OCT. 31. IT WAS AN OCCASION FOR FEASTING ON ALL KINDS OF FOOD WHICH HAD BEEN GROWN DURING THE SUMMER. THE MODERN CUSTOM OF DECORATING WITH PUMPKINS, LEAVES AND CORNSTALKS CAME FROM THE DRUIDS, AN ORDER OF PRIESTS IN ANCIENT GAUL AND BRITAIN. FROM THESE BELIEFS ALSO CAME GHOSTS AND WITCHES.

Ida's Notebook

Ida Risser

As the years go by, Halloween has progressed from being the most exciting day on the calendar to simply being another day. Long ago even Christmas, with its small, practical gifts couldn't match it. It was the one day when my parents allowed my sisters and I to go into the nearby village at night by ourselves.

Our costumes were homemade and usually we were dressed as hobos or farmers. As long as we had a store-bought mask, we could add the rest of the outfit ourselves. Of course, we took a paper bag along to put in the goodies that we hoped to get on our rounds.

We knew which homes would greet us kindly and invite us in for a few minutes while they tried to guess our identity. Our hands would be examined to see if they belonged to a boy or a girl. It was more fun if they couldn't tell who we were and then we could surprise them.

At some places we knew we were not welcome but that didn't keep us from knocking on their door anyway. Sometimes we were greeted by a bucket of water or even a gun shot into the air. This only added to the high excitement of the evening as we ran helter-skelter for cover behind bushes and in ditches. Our only mischief was soaping windows and throwing grains of corn.

Getting to see the neighbors at least once a year was a real pleasure especially when they had cookies and candy to share. But too soon we were too old and had to stay home and wait to see what the younger children received.

My own children had different experiences to remember concerning this holiday. As we live over a mile from the nearest house, I took them in the car from place to place in the neighborhood and then only where I knew they were welcome.

By living so far our in the country, We often do not have any callers on Halloween. In fact, I've stopped preparing for them and probably wouldn't have more than apples and cookies to offer. Time and place change so many things.

Animal science grad finds happiness directing zoo

NEWARK, Del. — Nancy Falasco, breezy young director of New Castle County's Brandywine Zoo, walks up to the otter exhibit and greets her charges with a cherry "Hi, kids!"

She promises to renovate their exhibit and give them a deeper pool to splash in next year so their captivity will be as pleasant as possible. At the same time, she wants to make it harder for the mischievous creatures to reach up and bite outstretched little fingers of unwary visitors.

As zoo director, Falasco must be concerned about the comfort and safety of the animals and their visitors. She loves everything about her work and it shows.

A former Air Force brat, she spent most of her growing-up years in Wilmington. Along with many other young girls, she fell in love with Black Beauty and National Velvet, and spent her spare time around local stables, helping out in exchange for rides.

When it was time for college, she enrolled in the animal science department at the University of Delaware. There, according to her former professor Paul Meckley, she drifted a bit until the idea of being a zoo director took hold. From that point on she was totally motivated.

Meckley admits he had doubts. He pointed out that there is only a limited number of zoo directorships in the entire national, and that most other zoo jobs involve hard, often dangerous work and low pay.

Falasco would not be dissuaded, however. She took Meckley's courses in reproductive physiology and experimental surgery, and a special problem in laboratory animal care. Meckly now offers an independent zoo experience for students interested in exploring zoo careers, but it wasn't available when Falasco was a student.

After graduation in 1976, she worked as a technician for a veterinarian. A year later, the New Castle County Department of Parks and Recreation advertised for an animal keeper/supervisor at Brandywine Zoo. Her educational background and experience won her the job.

For the next several years she worked closely with the approximately 120 animals, getting to know them all by name and personality. She also supervised cage maintenance and food purchasing under the former director. When he left, she was promoted to the top position.

As director, Falasco says she uses everything she learned in college, in the veterinary lab, and in her former zoo position. Walking through the zoo greeting animals by name, she immediately notices if one is sick or hurt, or if a cage needs attention. But instead of going into the cage herself to correct the problem, she reports it to one of five animal keepers and supervisors. She also works with New Bolton Veterinary Center, the large animal division of the University of Pennsylvania Veterinary School.

In a way, Falasco misses the day-to-day hands-on contact with the animals. "It was great exercise," she says. "It used to keep me thin."

Now she spends her days promoting the zoo, keeping track of the traveling animal exhibit, fundraising, overseeing operations and planning future improvements.

The latest improvement is an addition to the tiger exhibit. The female tiger, Louba, Falasco's favorite animal, has been grief-stricken since her mate died. Falasco located a genetically suitbale young male for sale at the Minnesota Zoo and brought the 400-pound two-year-old to Wilmington in September. Because there was no way to predict how well Louba would accept him, an adjoining holding area was built so the two could get acquainted gradually without hurting each other. When Falasco is sure they've accepted each other, she'll have the doors opened between them.

Falasco is also planning a new North American plains exhibit, plus aesthetic improvements of some existing exhibits, particularly the children's zoo. This area has miniature barns and other features to make it appealing to children, and people seem to think it's a petting zoo. Unfortunately it isn't, and on some of the cute little animals, like the otters, can bite. It's also too easy now for visitors to feed the animals junk food which wrecks their carefully controlled diets.

The larger zoos in Philadelphia, Washington, D.C. and Baltimore help falasco with ideas, designs for new exhibits, and loan animals for breeding. They also hold frequent conferences and short courses on animal care which she attends as often as her schedule permits. She feels it's important to learn as much as she can about animals by reading and furthering her education in any way possible. Recently she and her former professor, Meckley, were classmates in a seminar on the care and rescue of wild birds.

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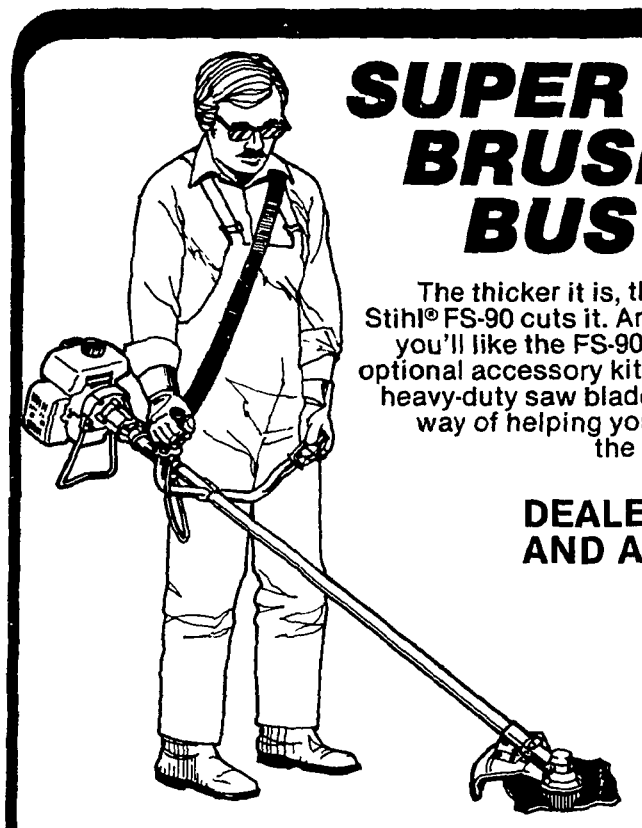

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Did you plant some vegetables too late; some too early? Vegetables intended for storage should be planted at a date that will allow them to mature near the end of the growing season.

Did you practice a good program of soil fertility and spraying for disease and insects? This will help insure high quality vegetables that have a potential of long storage life.

Were you able to harvest the vegetables at their proper maturity to obtain maximum food value and vitamin content and to keep plants producing for longer periods of time?

Did your schedule allow you time to pick fruits and vegetables in the cool during early morning hours rather than late in the afternoon?

When freezing and canning time came, were you able to find the time sufficiently in your schedule?

Did you harvest no more than you can process within two hours after pickings? Or did you rush to pick the whole crop and then rush to get it canned, thereby exhausting yourself and vowing never again to plant a garden?

Were you satisfied with the arrangement of plants in the garden, or would you prefer another blueprint?

Did you have enough of any one crop? Too much of another?

Write down your answers to these questions and save it in your files. Then when next year's planting season arrives, you will be ready with a list of do's and don't's for 1984.

Hunterdon County, N.J. clubs elect officers

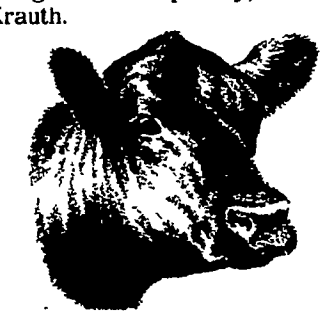
FLEMINGTON, N.J. — The 4-H clubs of Hunterdon County have been busy electing officers for the start of a new 4-H year. Elected in their listed clubs were:

—Scissor Wizards — president, Karen Parsons; vice president, Jennifer Monahan; secretary, Sara Monahan; treasurer, Stewart Parsons; reporter, Craig Parsons; and scrapbook, Jennifer Gorman.

—Pins and Needles — president, Clair Wargaski; vice president, Melissa Baptist; recording secretary, Lisa Mealing; corresponding secretary, Heidi Bundt; treasurer, Julia Wargaski; and reporter, Rachel Klim.

—Crafty Creators — president, Tracy Bachardy; vice president, Pam Boelhouwer; secretary, Tracy Housel; treasurer, Robyn Evans; and reporter, Melissa Everitt.

—Barnyard Kids Goat Club — president, Linda Lachenmayr; vice president, Carol Banach; secretary, Jennifer Sabia; treasurer, Eileen Menard; reporter, Linda Banach; corresponding secretary, Danielle Essig and hospitality, Debbie Krauth.



Sheep conference sponsors lamb cook-off

HARRISBURG — Lamb fanciers now have an opportunity to show their culinary skills at the first Pennsylvania Lamb Cook-Off Saturday, Nov. 13, in conjunction with the Sheep Breeding and Production Conference at Penn State University.

Any non-professional chef, 18 years or older, who is a resident of Pennsylvania, is eligible to compete. Contestants must submit three copies of their original lamb recipe. Include their name, address and phone number. Entries will be screened by a panel of three judges with ten finalists being selected.

Mail entries to the Pennsylvania Department of Agriculture, Bureau of Markets, LAMB COOK-OFF, 2301 North Cameron Street, Harrisburg, PA 17110, no later than Nov. 3. Finalist will be notified by Nov. 5.

Finalists must bring their prepared lamb recipe to Room 305, O.J. Keller Conference Center, Penn State University, University Park, on Saturday, Nov. 13 for final judging. Micro-wave ovens will be provided to reheat the dishes.

Each contestant must use fresh Pennsylvania lamb from shoulder, breast or shank cuts. Several retail cuts this may include are: square cut shoulder, shoulder blade chop, round bone chop, saratoga chop, precarved shoulder, shoulder cubes, neck slices, patties, cub steaks, riblets, shanks, spare ribs or rolled breast.

The winner received $50 and a Pennsylvania sheep skin; second prize, $40 and a cookbook; third prize, $30 and a cookbook. All finalists receive wool flowers. Recipes become the property of the Pennsylvania Department of Agriculture for use in lamb promotion.

The Pennsylvania Lamb Cook-Off is sponsored by the Pennsylvania Department of Agriculture in cooperation with the Pennsylvania Sheep and Wool Growers Association, the American Lamb Council and the Pennsylvania Livestock Association.

For more information regarding the Sheep Breeding and Production Conference, write Short Courses in Agriculture, 306 Ag Administration Bldg., Penn State University, University Park, PA 16802, or call (814) 865-8301.

F.W.S. Calendar

Saturday, Oct. 30
Lancaster Society 5 to hear Paul Neff at the Hempfield Church of the Brethren

Tuesday, Nov. 2
Lancaster Society 23 to gather for a Halloween party

Thursday, Nov. 4
Lancaster Society 20 meets for an Extension program, "Market basket in 1982"

Saturday, Nov. 6
Lancaster County Farm Women meet for annual convention

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When someone in Lancaster, Lebanon and Chester Counties wants to talk with Congressman Bob Walker, they know he'll listen.

Not only does Bob Walker maintain two full-time district offices, but his mobile office stops in communities throughout the 16th congressional district. He also organizes monthly old-fashioned town meetings and holds dozens of face-to-face meetings with constituents right on the streets.

It's a job Bob Walker takes very seriously.

Listening to us is a job Congressman Bob Walker does well.

Hears our voice and puts it to work in Congress.

Since being elected to Congress six years ago, Bob Walker has come home weekly to hear what's on our minds. He has then returned to Washington with a firsthand knowledge of our needs and concerns and has translated them into responsible legislation. And, when needed, tough legislation.

Congressman Walker takes our needs quite personally. After hearing about unintended problems arising for the disadvantaged following the administration's budget cuts, Walker established within his office a Social Safety Network to provide those individuals with immediate support.

Again, Bob Walker was listening.

Let's keep up the good work.

Respected. Responsible. Concerned.

Bob Walker has been echoing our voice, our decisions, and casting our votes in Washington just that way for the past six years. He's a man who has proven his legislative leadership, and his friendship, to the people of Pennsylvania.

That kind of man deserves our support. More than ever the 16th Congressional District needs Bob Walker.

More than our voice in Washington. A friend.

RE-ELECT CONGRESSMAN
BOB WALKER
Let's Keep Up the Good Work.

Paid for by the Bob Walker for Congress Committee

Berks holds beef round-up

LEESPORT — The Berks County 4-H Beef Club held their 4-H Beef Round-Up at the Leesport Market & Auction, last Wednesday. Grand Champion Steer, owned by Andy Haas, R2, Douglassville, weighed 1,235 pounds and was purchased by Marvin Frantz, Coopersburg, for $1 a pound.

Reserve Champion Steer, weighing 1,215 pounds, was purchased by Peters Bros. Meats, Lenhartsville, for 80 cents a pound. Lori Rabenold, R2, Kutztown, exhibited the Reserve Champion.

Twenty 4-H project steers were sold for an average of 78 cents a pound. Other buyers included: Robert Frame, Vintage Sales Stables, Yoders Meat Market, King's IGA, Erb & Henry Equipment, National Bank of Boyertown, Montgomery-Bucks Farm Bureau, Hamilton Bank, Fleetwood Grange, Leesport Market & Auction, Van Mar Feeds, and Farm Credit.

Judge was Gary Dean from Lancaster County.

Results of the show are as follows:

Senior Fitting
1 Carol Stause, Hamburg, 2 James Heffner Fleetwood, 3 Jan Adam, Hamburg
Senior Showmanship
1 James Heffner, Fleetwood, 2 Carol Strause Hamburg, 3 Jan Adam, Hamburg
Intermediate Fitting
1 Kenianne Rarick, Reading, 2 Andy Haas Douglassville 3 Lynn Lorah Oley, 4 Greg Zook, Oley 5 Kirk Fisher, Oley
Intermediate Showmanship
1 Karen Rabenold Kutztown, 2 Kenianne Rarick, Reading, 3 Greg Zook, Oley, 4 Kirk Fisher, Oley 5 Andy Haas, Douglassville
Junior Fitting
1 Kent Fisher, Oley, 2 Matt Harley, Douglassville, 3 Travis Werley, Shoemakersville, 4 Lori Rabenold, Kutztown, 5 Jane Zook, Oley
Junior Showmanship
1 Lori Rabenold, Kutztown, 2 Kent Fisher, Oley, 3 Travis Werley, Shoemakersville, 4 Jane Zook Oley, 5 Matt Harley, Douglassville
Medium Lightweight
1 Troy Werley, Shoemakersville, 2 Dennis Cooper, Lenhartsville
Heavy Lightweight
1 Greg Zook, Oley, 2 Jane Zook, Oley, 3 Greg Stricker, Bernville
Champion Lightweight
Greg Zook, Oley
Reserve Champion Lightweight
Troy Werley Shoemakersville
Medium Middleweight
1 Kent Fisher, Oley, 2 Karen Rabenold, Kutztown, 3 Dwight Zook, Oley
Heavy Middleweight
1 Kenianne Rarick, Reading, 2 Kirk Fisher Oley, 3 Matt Harley Douglassville
Champion Middleweight
Kenianne Rarick, Reading
Reserve Champion Middleweight
Kent Fisher, Oley
Medium Heavyweight
1 Andy Haas Douglassville, 2 Lori Rabenold, Kutztown, 3 Lynn Lorah, Oley, 4 Michele Harley, Douglassville
Heavy Heavyweight Steer
1 Carol Strause, Hamburg, 2 Travis Werley, Shoemakersville, 3 Jan Adam, Hamburg
Champion Heavyweight
Andy Haas, Douglassville
Reserve Champion Heavyweight
Lori Rabenold, Kutztown
Grand Champion
Andy Haas, Douglassville
Reserve Champion
Lori Rabenold, Kutztown
Grand Champion Heifer
Kent Fisher, Oley
Reserve Champion Heifer
Kenianne Rarick

'Getting started in farming' brochure available

WASHINGTON, D.C. — Responding to many inquiries from people asking how best to gegin farming, the U.S. Department of Agriculture has published a 41-page illustrated booklet, "Getting Started in Farming on a Small Scale."

It explores in some detail ways by which persons with little or no farm experience might approach the prospect of farming either full or part-time.

Single copies of this booklet, identified also as Agricultural Information Bulletin No. 451, may be obtained from the Superintendent of Documents, U.S. Government Printing Office, for $3.25 a copy.

The bulletin presents ideas on what to look for in selecting a farm, in deciding what kind of farming to take up, in developing a farming entry plan and managing finances, in keeping track of the business and needed records, and in preparing for the future after farming awile.

It contains a chart on "ownership questions if your family is getting into farming," a "guide for appraising your resources," some ideas on getting help from USDA and other federal agencies, and answers from the U.S. Department of Interior on whether public federal land is available for farming. (In fiscal year 1980, only 1,900 acres of federal land were sold by public auction sale through competitive oral or sealed bidding.)

The booklet also contains some references to additional reading sources published by USDA agencies in recent years.

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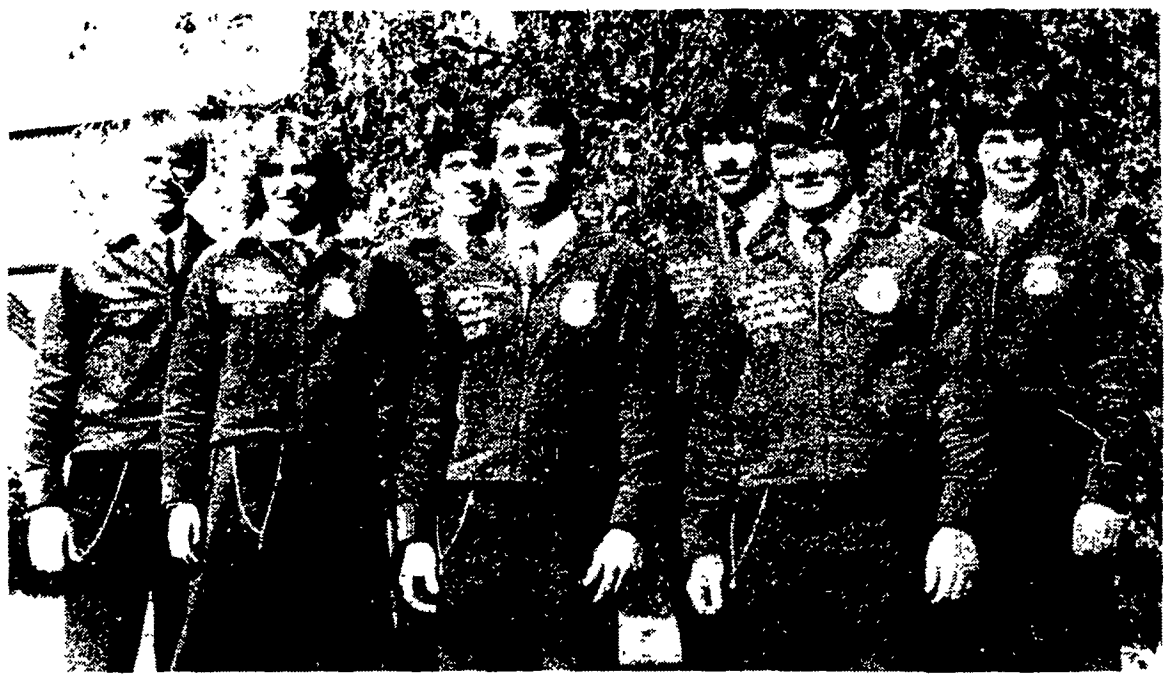
FFA holds workshop



Pennsylvania FFA officers attending recent weekend Leadership Workshop at Environmental Education Center in Poconos include, from the left, Barry Geib, Manheim Chapter, treasurer; Beth Holzinger, Red Lion Area Chapter, vice president; Bruce Latshaw, Kutztown, chaplain; Mike Dilliard, Penns Valley Chapter, president; Mike Pfautz, Cloister Chapter, Eastern Region vice president; James Mackereth, Clearfield Chapter, North Central vice president; Deborah Miller, Conrad Weiser Chapter, reporter.

Two FFA teams compete in quiz bowl contest to test their knowledge of the Future Farmers of America at Leadership Workshop held in Poconos recently. Conducting the competition, at table in background, are, from the left, Beth Holtzinger, state vice president; Mary Miller, vo-ag teacher at Upper Bucks AVTS; Mike Pfautz, Eastern Region vice president; and Pete Hickman, vo-ag teacher at Middle Bucks.

FFA

Top guests at FFA convention

KANSAS CITY, Mo. — Secretary of Agriculture John Block; country-western singer Barbara Mandrell and TV star Melissa Gilbert are a few of the top guests and speakers who will attend the 55th National FFA Convention in Kansas City, Mo. on Nov. 11-13.

Secretary Block will deliver his address to the recipients of the American Farmer Degree on Thursday, Nov. 11. Block became a member of the Knoxville FFA Chapter, Illinois, in 1949, received his State Farmer Degree in 1952 and was sworn in as Secretary of Agriculture in 1981.

Dale Evans, western film star and singer, will speak and sing in a special guest appearance on Wednesday, Nov. 10, at 7:45 p.m. following Vespers.

Humorist and star of the Grand Ole Opry, Jerry Clower will get the convention underway Thursday morning, Nov. 11, as the kick-off speaker.

Sen. Jesse Helms, of North Carolina, will address the convention on Friday, Nov. 12. He is chairman of the Senate Agriculture Committee.

Secretary of Education Terrel Bell will bring greetings to the convention on Nov. 12.

Eddie Albert, TV and film actor, will address the convention that afternoon. Albert was star of the popular series, "Green Acres."

From "Little House on the Prairie" comes Melissa Gilbert, who will address the convention on Nov. 13 on drug and alcohol abuse.

Barbara Mandrell will bring greetings from the American Royal on the morning of Nov. 13. And the New Christy Minstrels will perform in the Firestone Show that evening.

Berks County's first-place Greenhand was Stacey Meyers of Kutztown and first-place Chapter Farmer was McMullen of Twin Valley, right.

751 FFA'ers to get 'American'

KANSAS CITY, MO. — The Future Farmers of America will award its highest degree of achievement upon 751 of its best farmers and agribusinessmen at the 55th National FFA Convention in Kansas City, Mo.

In a special ceremony to be held November 11, the top two percent of all FFA members will receive their American Farmer Degrees as recognition of their outstanding growth as leaders and agriculturists.

Included in the group will be 20 from Pennsylvania, three from Delaware, seven from Maryland and four from New Jersey.

Recipients of the American Farmer Degree are involved in production agriculture or agribusiness, and in many cases have spent six or seven years working to achieve their degrees, Each has progressed through three earlier degrees, including Greenhand, Chapter Farmer and State Farmer.

In addition to receiving their three previous degrees, nominees for the American Farmer Degree must have been an FFA member for at least three years, have an outstanding record of participation in FFA and community activities, and have completed the vocational agriculture course work offered through their high school.

Pennsylvania recipients include:

Daryl L. Beiler, James W. Black, Robert William Buser, Donald G. Cober Jr., Anthony W. Eberly, Michael C. Ewing, Donald Allan Feeg, Clyde D. Forney, Kennard Edwards Henley III, Douglas T. Hershberger, A. Duane Hershey, Stephen L. Hershey, Jonathan M. Johnson, James R. Kearns Jr., Thomas C. Kearns, Arlen H. Keener, Daryl Kenneth Kunkel, Jeffrey A. Martz, Donald P. Rhodes Jr., Lawrence A. Shrawder.

Delaware recipients include Alan Frederick Bailey, David H. Bishop and Terri L. Layton.

Maryland recipients include Julie Ann Amos, Alice Brenneman Bender, Mark Alan Eck, Susan Lynn Flanigan, Cheryl A. Mallow, Terry Lynn McJilton and Kevin Arthur Stiles.

New Jersey recipients include Mark A. Nichols, Richard O. Pool, David S., Reeder Jr. and Albert E. Steckel.

FFA supporters to be cited

KANSAS CITY — Vo-ag teachers and other adult supporters of the Future Farmers of America will be honored during the 55th National FFA Convention on Nov. 11-13 in Kansas City Mo.

Each year at its convention the FFA recognizes the efforts of those individuals who have been of special service and guidance to young men and women preparing for their careers in the agricultural industry through vocational agriculture and the FFA.

Among these outstanding adult supporters who will be honored is Phillip Alampi, retired Secretary of Agriculture in the New Jersey Depoartment of Agriculture. Alampi, who just retired in July after 26 years in his post, is a charter member of the FFA, FFA Alumni and was a vo-ag teacher for 10 years.

Alampi will receive the FFA's VIP Citation.

Among those receiving Honorary American Farmer Degrees for their contributions to the FFA are Donald E. Balderson, Bethesda, Md.; John M. Cummings, Trenton, N.J.; Samuel E. Hayes Jr., Harrisburg; Dick Henry Kleyn, New Brunswick, N.J.; and Charles F. Lebo, Harrisburg.

Among teachers of vocational agriculture who will receive the Honorary Farmer Degree are Roy S. Walls Jr., Frederick, Md.; T. Lee Carter, McDonald; Ronald L. Frederick, Elverson; Arba L. Henry, Quarryville; and Ivan R. Stauffer, Atglen.

Berks FFA members participate in leadership conference

By Laurel Schaeffer

OLEY — Gathering at the Oley Valley High School, 125 members of the Berks County FFA chapters recently joined in a Leadership Training Conference.

During the conference, members learned about many different phases of the FFA and received encouragement from state FFA officers. A County Greenhand and Chapter Farmer contest also was held. Placing first in the Greenhand contest was Stacey Meyers of Kutztown followed by Tammy Miller, Kutztown; and Beth Morgan, Twin Valley, respectively.

In the Chapter Farmer contest, the young women again dominated the competition. First-place was Mary McMullen of Twin Valley; second went to Jill Jesioloski, Oley Valley; and third was Joanne Kunkle, Kutztown.

The State Officers participating in the conference were: Michael Pfautz, vice-president from Ephrata; Barry Geib, treasurer from Manheim; Deborah Miller, reporter from Conrad Weiser; and Bruce Latshaw, chaplain from Kutztown.

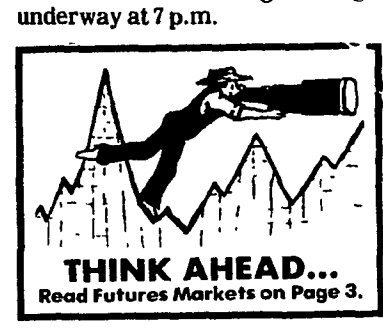
Franklin DHIA meeting Nov. 7

CHAMBERSBURG — William Heald, Penn State extension dairy specialist, will be the featured speaker at the 55th Franklin County DHIA annual meeting and awards banquet on Nov. 5 at Kauffman's Community Center, Kauffman Station.

Production awards will be presented and two directors will be elected for the coming year.

Heald is responsible for the Extension educational efforts of the Pennsylvania Dairy Herd Improvement Association. Prior to his appointment to the College of Agriculture faculty in September 1981, Heald was an associate professor of animal science at Virginia Polytechnic Institute and State University.

The dinner meeting will get underway at 7 p.m.



Shrimp farming, a growing business

By Donald J. Frederick
National Geographic News Service

WASHINGTON, D.C. — Make way for shrimp. It could turn a profit for farmers, open up new businesses, and even shrink the national trade deficit.

Commercial shrimp farming in the United States, for years a marginal enterprise at best, has a much brighter future banks to several recent breakthroughs.

The temperamental crustaceans have been successfully mated and spawned in captivity, two crops of them have been raised in a single eight-month growing season, a promising vaccine has been developed to fight shrimp disease, and two species have been crossbred.

"We're thrilled with the newest development — the crossbreeding of a shrimp from the Gulf Coast with one from the Pacific — because it opens up so many new genetic engineering possibilities," said Addison L. Lawrence, who coordinates the Texas A & M University shrimp mariculture program which produced many of the advances.

By blending traits from different species, scientists could hypothetically manipulate the size and flavor of future generations of disease-resistant shrimp that could breed more easily in captivity, tolerate colder water temperatures, and spawn two of three times a year.

Such developments may be 5 to 20 years away, but Lawrence is convinced that current technology alone warrants a new wave of shrimp farms, as long as investors realize the high risks involved.

Observed Lawrence, "Shrimp farming is poised for the same explosion that the catfish industry experienced 15 years ago, but with two exceptions: The market out there is bigger for shrimp and so are the potential profits."

The tide does seem to be turning. Commercial shrimp farms have popped up in Florida, Texas, Hawaii, and South Carolina, and much larger ones may be in the offing.

The smaller farms already in business are relying on a variety of techniques until the new technology is perfected and filters down. At Continental Sea Farms near Panama City, Fla., shrimp are spawned in large enclosed concrete tanks dug into the ground. Each female can produce about 20,000 to 200,000 eggs.

"We transfer the young shrimp that survive to two 300-acre ponds and a 50-acre pond, all filled with saltwater pumped from a nearby bay," explained Continental's general manager, Joseph Ikeguchi. "Of the 23 million that went into the ponds this June, we expect to harvest 9 million medium-sized this October."

At harvest time, a small boat equipped with nets trawls the diked, earthen ponds, 6 to 8 feet deep in some places.

Diseases, predatory fish, and poor water conditions bother shrimp farmers as much as droughts and insects plague their landlocked counterparts.

"We're constantly checking the water to see if there's the right balance of algae and zooplankton," said Ikeguchi. "These natural foods are supplemented with protein-rich food pellets, but they're expensive."

Palmetto Aquaculture, with field operations centered in Georgetown, S.C., avoids the expense of food pellets by cultivating natural nutrients in its nine growing ponds in marshy areas along the coast. Fertilizers such as phosphorous and nitrogen are added to the 700-acre system of ponds to stimulate growth of plant life and small organisms on which the shrimp feed.

"Like many a land farmer, we've found that fertilizer can be a tricky business," said Palmetto's president, Chuck Wilson. "A mistake in the amount or chemical mix can create a plankton bloom that takes all the oxygen out of the water and kills everything.

Wilson hopes to harvest at least 2 million medium-sized shrimp in October from the 9 million placed in the ponds last May and June.

If shrimp farming does take off, it would not only create a lot of new jobs but also trim the trade deficit. In 1980 U.S. fisherman netted shrimp valued at $402 million, but an additional $719 million worth was imported from countries such as Ecuador and Mexico to satisfy the growing appetite for them.

Without shrimp farms, the trade imbalance could widen in the next few years. U.S. fishermen's catches apparently have peaked, yet consumer demand for shrimp is expected to rise by at least one-third.

Researcher at Texas A&M University displays a 7-inch-long Pacific white shrimp spawned and raised in captivity. It took 11 years for scientists to come up with the right water conditions, amount of light, feeds, and hormones to promote spawning. The work offers promise for the budding shrimp farm industry.

Angus registrations top 200,000 mark

ST. JOSEPH, Mo. — The nation's Angus breeders registered 201,680 head of purebred Angus calves during the 1982 fiscal year ending Sept. 30, reports Dick Spader, executive vice president of the American Angus Association. This figure maintained the Association as the largest beef cattle registry organization in the world in terms of annual registrations, Spader said.

Transfers of registered Angus to new owners, which represent sales, totaled 128,587 head. In addition 1,970 persons started new Angus herds during the fiscal year and took out regular memberships in the American Angus Association. The interest in Angus cattle by youngsters continued strong, as 1,061 new junior memberships were issued during the year.

The number of breeders participating in the Angus Herd Improvement Records program increased slightly during 1982 to 1,891 breeders. The combined total of weaning and yearling weights processed for the program in 1982 was 174,423 which included 123,863 weaning weights and 50,560 yearling weights. Since 1959 when the AHIR program was started there have been 1,176,744 weaning weights and 458,984 yearling weights reported to and processed by the American Angus Association.

Prices paid for registered Angus at auction showed a slight decline in 1982. The price of all Angus sold at auction during the year averaged $1,364 compared with $1,461 a year ago. The average price of bulls was $1,524 compared with $1,558 a year earlier. Females averaged $1,268 compared with $1,394 a year earlier.

Missouri remained number one in total registrations and transfers during the year. Montana ranked second in both these categories and first in the number of weaning and yearling weights processed by members.

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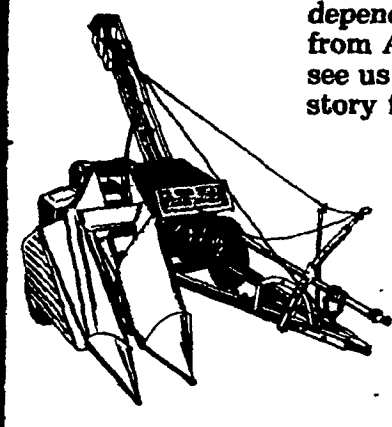

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08867	5600 Ford 16 Speed
11752	7610 Ford All Purpose
11701	7610 Ford All Purpose Dual
11133	7700 Ford Flat Deck
	TW10 Ford 1100 HP
12156	TW20 Ford 135 HP
09929	B7100 DT Kubota 4 WD
09942	B6100 E Kubota
10036	B6100E Kubota
10687	B6100 E Kubota
10533	B7100 HSE Kubota
11337	B7100 HSD Kubota
11511	B7100 HSD Kubota
11530	B7100 HSD Kubota
11534	B7100 HSD Kubota
11535	B7100 HSD Kubota
11544	B6100 HSD Kubota
11564	B8200 E Kubota
11565	B8200 E Kubota
11814	B6100 DT Kubota
11819	B8200 E Kubota
11820	B8200 E Kubota
11853	B8200 DT Kubota
11861	B8200 DT Kubota
11862	B8200 DT Kubota
11876	B7100 DT Kubota
11888	B7100 DT Kubota
11890	B6100 DT Kubota
11891	B6100 DT Kubota
11892	B6100 DT Kubota
11978	B6100 DT Kubota
11994	B6100 HSE Kubota
11995	B6100 HSE Kubota
12084	B6100 HSE Kubota
12085	B8200 DT Kubota
12086	B8200 DT Kubota
12087	B7100 DT Kubota
12088	B7100 DT Kubota
12091	B7100 DT Kubota
12092	B7100 DT Kubota
12174	B5100 DT Kubota
12175	B5100 DT Kubota
12192	B6100 DT Kubota
12191	B6100 HSE Kubota
12187	B6100 HSD Kubota
12188	B6100 HSD Kubota
12190	B7100 HSE Kubota
12181	B7100 HSE Kubota
12186	B7100 HSE Kubota
12180	B7100 DT Kubota
12185	B7100 HSD Kubota
12182	B7100 HSD Kubota
12189	B8200 DT Kubota
9591	L285 F Kubota
10014	L185 T Kubota
10701	L185 T Kubota
10739	L245 Kubota
10740	L245 Kubota
10743	L245 Kubota
11036	L305 DT Kubota
11477	L275 DT Kubota
11647	L345 DT Kubota
11695	L345 DT Kubota
11865	L335 DT Kubota
11979	L345 F Kubota
12184	L235 F Kubota
12177	L235 F Kubota
12176	L275 F Kubota
11694	M7500 DT Kubota
12066	M4050 DT Kubota
06001	B5100 E Kubota
06002	L245 DT Kubota
06060	M4500 DT Kubota
06058	M7500 DT Kubota

USED TRACTORS

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10685	Ford 960 Gas 42 HP
11437	Ford 901 SOS 42 HP
11522	Ford 2000 D 32 HP
12022	Ford 8000 Dual Power 105 HP
11436	Ford 601 D 35 HP
09136	Ford 901 D 42 HP
11948	Ford 4000 SOS Gas 45 HP.
12002	Ford NAA w/Mower
09910	Farmall A
11971	Allis Chalmer w/Cult.
10727	Farmall Super C
11500	Massey 1100-D 92 HP
11505	Massey 178-D
11502	Allis Chalmer 190XT 90 HP
11801	Farmall H
12043	International 140
12020	Massey 245-D
12129	International B414
12253	IH 240 w/Loader
10190	Satoh 27 HP 650
10727	Farmall Super C
10852	Massey Skid Loader
11500	Massey F. 1100D
11502	AC 190XT
11505	MF 178D
11801	Farmall H
11938	Case TLB
11971	AC Tractor
12004	L225 2WD Kubota
12011	B6100E Kubota
12020	MF 245 Diesel
12031	Kubota B7100 w/Loader
12064	Wheelhorse 8 H.P. w/Mower
12229	L185 Kubota 2WD w/Loader

NEW PLOWS

Stock No.	
02731	101 Ford 3 Bottom 14"
06908	101 Ford 3 Bottom, 14"
09069	101 Ford 3 Bottom, 14"
06901	101 Ford 3 Bottom, 14"
08237	101 Ford 3 Bottom, 14"
08235	101 Ford 3 Bottom, 14"
06903	101 Ford 3 Bottom, 14"
07828	Ford 2 Bottom
07824	Ford 2 Bottom
11924	Leinbach 14" 2 Bottom, 82-14
11923	Leinbach 14" 2 Bottom 82-14
11927	Leinbach 1 Bottom, #81
11925	Leinbach 1 Bottom, #81
11926	Leinbach 1 Bottom, #81
11295	Leinbach 1 Bottom, 16", #20-C
10803	Leinbach 1 Bottom, 12", #M19-12
09536	151 Ford Auto Reset Plow
10569	Leinbach 1 Bot. 12'

USED PLOWS

Stock No.	
8130	Ford 3 Pt. 2 Way Single
8756	Ford 118 - 4-16"
8813	Ford 130 - 4-14" 3 Pt. Hitch
6051	Ford 130 4-16"
9668	Ford 118 4-14"
10357	JD 3-14"
11710	2 Bot. Trailer Plow
9132	Oliver 4 Bot. 16"
9838	Ford 101 4-14"
8130	Ford 3 Pt. 1 Bottom
11816	BN Plow
8132	Oliver 4 Bot. 16"
10639	2 Bot. Trailer Plow

DISCS & CULT.

Stock No.	
10490	Ford 240 Disc (New)

USED EQUIP. MISC.

Stock No.	
5367	Sauder B Loader
7218	Sauder D Loader
8275	Sauder
6032	Sauder For 5000
10180	Sauder For Ford
11008	Sauder
11558	Sauder FHV w/Bucket
11556	Sauder D-2
11111	Ford CL40
10642	ST 84 Snow Blade
11717	ST 90 Snow Blade
11692	Cordwood Saw Pulley Type
7965	Ontario Drill
11588	Conditioner
5526	Conditioner Ford
11950	Roller 7'
3831	Ford 601 Mounted 2 Row Picker
10770	JD 3 Pt. Tiller 60"
12017	Rotavator 99 Roto Hoe
7451	Running Gear (Blue)
4458	Ford 601 Pull Type Picker
9665	Ford 311 4 Row Corn Planter
9768	IH 2 Row Planter 3 Pt.
12252	JD 205 Mower 3 Pt.
12304	Curtis Cab (For Kubota)

NEW SICKLE BAR MOWERS

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10220	Ford 501 7 Ft.
10216	Ford 501 7 Ft.
10218	Ford 501 7 Ft.
10217	Ford 501 7 Ft.
10222	Ford 501 7 Ft.
10225	Ford 501 7 Ft.
10227	Ford 501 7 Ft.
10226	Ford 501 7 Ft.
10223	Ford 501 7 Ft.
10224	Ford 501 7 Ft.

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12079	Woods RB5 5 Ft.
12076	Woods RB5 5 Ft.
12078	Woods RB5 5 Ft.
12056	Woods RB5 5 Ft.
12057	Woods RB5 5 Ft.
10873	Woods RB5 5 Ft.
10872	Woods RB5 5 Ft.
11751	Woods RB800 8 Ft.
11750	Woods RB7 7 Ft.
11749	Woods RB7 7 Ft.
11765	Leinbach LM5 5 Ft
11766	Leinbach LM5 5 Ft.
11769	Leinbach LBR7 7 Ft.
11763	Leinbach LM5 5 Ft.
11762	Leinbach LM3 3 Ft.
11764	Leinbach LM5 5 Ft.
12089	Leinbach LM6 (Used) 6 Ft.
10453	ARPS AB250
11734	ARPS AB350
9490	ARPS 7' Blade
10060	ARPS M126 7' Blade

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9267	9' Set Disc Harrow
9734	Pull Type Disc Harrow
10837	10' Cultipacker
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6066	Hincker Cab Fit 5000 & 7000
6067	Hincker Cab Fit 5000 & 7000
6314	Freeman Manure Fork 45"
6382	6' Ford Belly Mower
6929	6' Ford Belly Mower
7442	Centry Heater 160 HP
7569	RC-2 3 Pt. HD Crane
7570	RC1 3 Pt. Rear Crane
7571	RC1 3 Pt. Rear Crane
7572	RC1 3 Pt. Rear Crane
7744	McCurdy Auger Grain Elev.
7883	Freeman Dirt Plate
8141	Boom Pole
8142	Boom Pole
8148	Boom Pole
8149	Boom Pole
8253	Midwest 5'11" Lift Harrow
06028	Dunham Fork Tooth Kit
9205	Dunham 66" Comb Bucket
9229	Mott Mower
9690	Danuser Auger 18"
9756	Hanson 3 pt. 24 Gal. Sprayer
9757	Hanson 5' Boom
10098	Ber Vac 60" 3 Pt. Blower
10234	Ber Vac 48" Rear 3 Pt. Snow Blower
10235	Ber Vac 48" Rear 3 Pt. Snow Blower
10313	Dynco 6' Manual Angling Blade
10366	Danuser Log Splitter
10368	Electric Wheel Wagon
10369	Electric Wheel Wagon
10573	Leinbach Gyro Seeder Spreader
10793	Dunham Lehr Loader 64 100D
10794	Dunham 60" Material Bucket
11237	Dunham 48" Fork Lift
11229	Dunham Lehr Loader 30100
11247	Cain 9 Shank Tiller
11294	Leinbach Subsoiler
11449	Danuser 12" Auger
11504	MGS Trailer 50122
11523	Kelley Backhoe
11719	Ferguson Mini Tiller
11771	Leinbach Carry All
11772	Leinbach Carry All
11949	Landall 5 Tooth Chisel Plow
11975	22 Gal. Sprayer
11976	22 Gal. Sprayer
11977	50 Gal. Sprayer
12007	3 Pt. Chipper
12032	Kelley 6'6" Backhoe
12033	Dunham Lehr Loader
12034	Dunham Lehr Loader
12035	Dunham Lehr Loader
12037	Dunham Lehr Loader
12040	Dunham 66" Bucket
12041	Dunham 66" Bucket
12127	Cann's 18 Cu. Ft. Cart
12161	3 Pt. Sprayer
12167	Potato Plow
12168	Potato Plow
11846	Woods L59 Mower

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Brockett's Ag Advice

By John E. Brockett
Farm Management Agent
Lewistown Extension Office

A look at corn

Corn, corn and more corn: Corn is one of the most important and versatile crops grown in Pennsylvania. It has value as a cash crop, can be used as a grain feed or as a silage crop feed for livestock, and can be used in various forms for human consumption.

As we enter the peak of harvest some farmers are groaning because it is too plentiful (causing reduced prices) while others are elated (cheap feed).

Buy-sell

One of the questions I often get is: "How much is corn silage worth?" Another question is "How much is high moisture corn worth?" Both of these questions require a considerable amount of information before I can arrive at a satisfactory answer.

Moisture level - this is a critical factor. Water is a valuable commodity but has virtually no feed value. Therefore the moisture level of the material in question is an essential piece of information before a price can be set for a seller or buyer.

Many farmers, some feed mills, and a few Extension offices now have moisture testers. If you want to get the moisture level of ear corn, either grind it and test it or test the kernels, then use table 1 on page 3 of Penn State's Special Circular 143 (Ensiled High-Moisture Corn Grain) to estimate the total moisture level of the whole ear.

Farm price shell corn - most corn product prices are based on the price or value of dry shell corn.

Tonnage - the weight involved is necessary. Don't guess. Check it out by weighing or at least measuring the size of the storage. If you get a weight by measure for high moisture grain corn you can use the Circular 143. If you want to measure for corn silage weight, use Circular 223 (Silage and Silos). Personally I'd prefer to weigh at least a few loads. You could use storage measure as a check against your calculations.

Relative value - some corn silage is going to go in too "green" because of frost or bad weather. It may have immature grains of corn. Or some stalks may be barren (no ears). These would have some effect on the potential sale value of the corn as silage.

Others - who will harvest, haul and ensile?

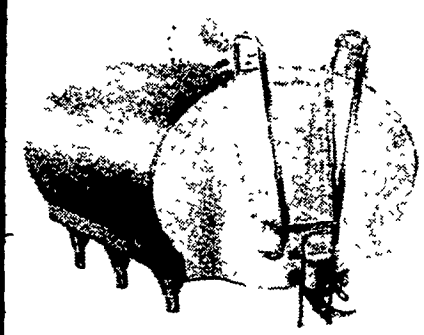
There are two brochures that were prepared earlier on the problem of immature corn. Readers could probably get copies of these at their county agent's office. Just ask for the articles on frosted corn by Dick Adams and Joe McGahen.

Newsletter

I did write a series of 3 newsletters on pricing high moisture corn and corn silage. If you want a copy write to me at 20 N. Wayne St., Lewistown, PA 17044. Be sure to enclose your name, address, and county when making such a request.

Every year I'm sure a few people wonder why they never received something from me. They forget to put their name or address anywhere on the request.

Superior cooling, automatic washing, and free hot water are only three of the reasons you should put a Mueller HiPerForm Milk Cooler to work for you!



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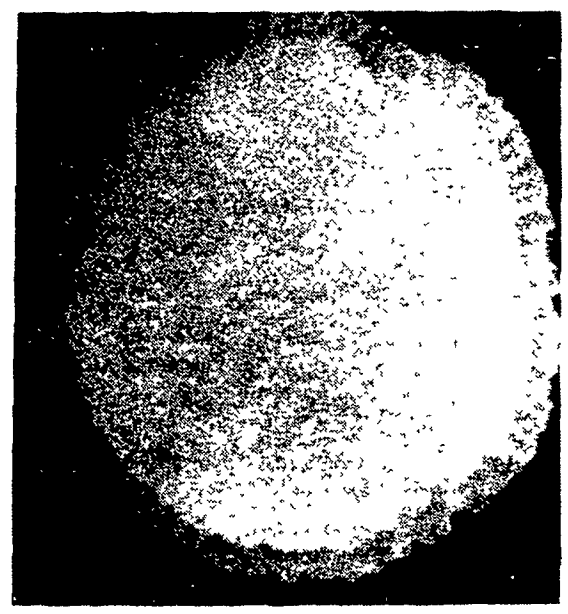
This beautiful center piece, known as the apple cone, is one of the most popular Williamsburg table decorations. The cone can be found in many craft shops, or can be made by hammering nails into a cone-shaped wooden form and placing Red Delicious apples on them. Add a pineapple to the top for a finished look.



Candlewicking is a return of an age-old craft originally done with the wick of candles. The knots make the accent, and here they form a creative snowflake pattern.

A bountiful basket of pine cones not only looks pleasant, but smells so too. The pine cones are simply rolled in favorite spices. Find the directions with this page.

Decorate your door with a piece that says "Welcome, come in, sit down and see what a creative person you've come to visit." Wreaths can be handmade from vines and dried weeds, upper right and lower left; or with material scraps, upper left; or autumn leaves made from material, lower left. Stockings can be sewn, crocheted or knitted, and weeds can be displayed with colorful bows and silk flowers.

More than 1000 gather for 'Christmas in October'

BY DEBBIE KOONTZ

LANCASTER — If Saint Nick had walked into the Farm and Home Center Monday or Tuesday, he briefly might have thought that he was back home, at the North Pole in his toy factory.

Much as elves probably would do, the over 1000 attendants to the annual "Christmas in October" program sat through presentations of the 'latest' items for Christmas '83, took notes, and left in a flutter to get home and prepare their goodies.

The program, a yearly favorite to the thousand that attended and the even hundreds more that were turned away, has come a long way since its first gathering nearly 20 years ago when Extension Home Economist Doris Thomas says she had trouble finding 75 people to attend.

But every year the program seems to be getting bigger and better, and the Extension personnel think that next year they may have to offer the program on three consecutive days instead of two.

Now, if you're thinking that after so many years the speakers must be repeating themselves or each other, then you must have missed the program; all new crafts, recipes, and decorating ideas were offered to the anxious participants.

And where do the ideas come from?

Extension Home Economist Mitchell Rodgers got her inspiration for a colonial Christmas after visiting Colonial Williamsburg last Christmas. Included in her presentation this year were segments on trimming the tree, cooking, and decorating with natural goods, such as spices, herbs, plants, and weeds.

Thomas found a special interest in the way a "handmade" gift of today is considered unique as compared with the "homemade" gifts of long ago, which implied poverty. Her talked was "Gifts — Your for the Making."

Because the Jewish holiday Hanukah falls so close to Christmas, Ruth Finkel presented "Foods for Chanukah," offering the audience special sandwiches and salads they could prepare.

"How sweet it is" was a 'delicious' subject for the audience as they listened to Nancy Fasolt, professional cake decorating and candy making instructor, discuss candy making with the tastes of chocolate, mint and peanut butter.

For your Christmas enjoyment and personal gift giving, we have included, below, several ideas from the kitchen and the craft corner as instructed by the home economists.

Spiced Sugar

To 1 cup sugar, white or brown add:
1 t. ground cinnamon
1/2 t. ground nutmeg
1/4 t. ground mace

Mix well and store in airtight container. Spiced sugars are fun to make and can be used in baking, sprinkled on cookies, coffee cakes or sweet rolls before baking. This mixture can be used on hot cereal, French toast and waffles.

Herbed Popcorn

Use 4 1/2 oz. package popcorn with oil and salt. Follow package directions, adding seasonings to oil before popping corn.

Add:
1 t. thyme leaves
1/4 t. onion powder
OR:
1 t. curry powder
OR:
1 t. Italian seasoning
1/4 t. garlic powder

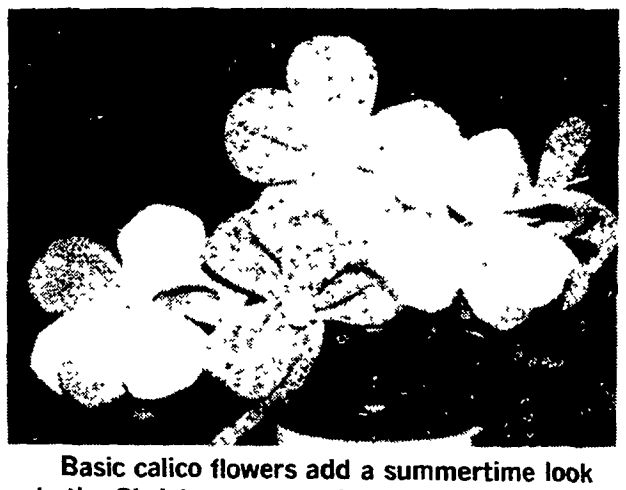
Alternate method: Pop corn without oil. For 6 cups popped corn, melt 1/2 c. butter. Stir in seasonings and pour over corn. Sprinkle with salt, if desired. Herbed popcorn is a real treat.

Spiced Nuts

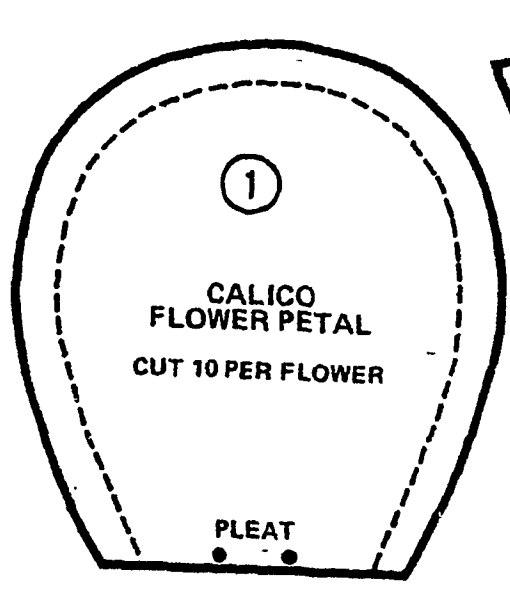
To 2 cups of unsalted nuts, walnuts, pecans or dry roasted mixed nuts or cashews add:
2 T. confectioners' sugar
1/2 t. ground cinnamon
1/8 t. ground nutmeg
dash of ground cloves

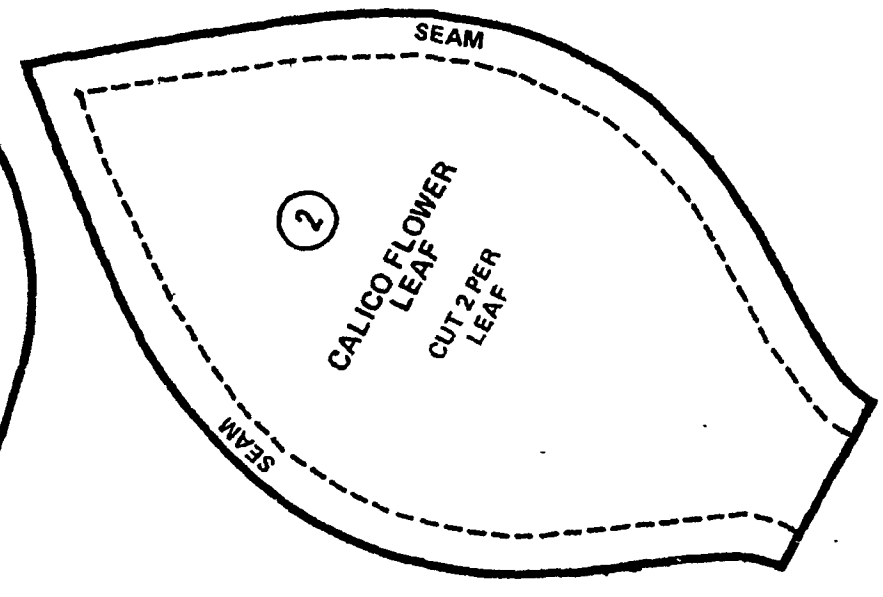
Put nuts in quart jar with screw-on cap. Add sugar and spices. Shake well to coat nuts. Tie a bow around the jar. Spiced nuts are a sure-to-please gift.

(Turn to Page B19)



Basic calico flowers add a summertime look to the Christmas season because these daisys are made of green and red calico prints. Patterns for these flowers are included with this page.





Christmas in October

(Continued from Page B18)

From the craft corner comes the following easy-to-make ideas:

Seed Ornaments

To trim your tree with natural, from-the-earth treats, try making a sesame seed ball and a mustard seed ornament.

For the sesame seed ball, heavily coat a styrofoam ball with white glue. Roll it in a mixture of sesame seed and gold glitter. Let dry. Create your own trim with ribbons, bells, or bay leaves. Make other seed balls using anise seeds, caraway seed, celery seed, and dill seed.

For a mustard seed ornament, cover the lower half of the ring with glue. Press glued portion in a small bowl of mustard seed. Repeat for top half. Create your own trim.

Cinnamon Stick Bundles

To please the scenses of smell and scent, make a cinnamon stick bundle. Simply tie together a small bundle, 6 to 8, of the large cinnamon sticks. Wrap a fabric tie around sticks and make into a pretty bow. Add a silk flower and dried baby's breath for a spicy decoration or gift. Hang on the wall, the door or attach to the top of a package.

Scented Pinecones

Put a delicous-smelling bountiful basket of scented pinecones on your table this Christmas.

Simply paint the edges of pinecones with white glue and sprinkle with cinnamon, nutmeg, allspice, cloves or apple pie spice. Tap off excess spice and place pinecones in a basket. Trim with greens and Christmas-colored ribbons. Add spicy pinecones to gift packages for fragrant wrappings.

Candlewicking

A return of an age-old craft, originally made with the wick of candles, has popularly arrived in the area, and is known as candlewicking.

You need: 100 percent muslin, chenille needle, and candlewicking yarn or anything from tobacco twine to knife string and embroidery floss.

First, transfer dots to muslin that has not been washed using a water soluble marking pen.

Make knots. To create the Colonial knot: Place the needle under thread working from left to right. Next, throw thread over top, right to left creating a figure eight. Hold thread taut with left hand as you pull up thread and insert needle into fabric close to where it came up. Pull needle to underside. Come up in next dot.

After all the stitiching is complete wash fabric in cold water to remove pen marking. Then wash your work in very hot water so it will shrink and hold you rknots firmly in place. Roll in towel to remove excess water.

Place work right side down on a towel and iron dry.

Make an interesting center piece with candles and apples. Simply cut holes in the apples and place the candle in the center. A pineapple finishes the center beautifully.

Calico Flowers

To make the calico flowers as shown in the photograph, use pattern No. 1 and cut 10 petals of print fabric.

With right sides together, stitch every two petals together. Clip corners and curves. Turn and press.

Pin pleats at the base of all petals. Stitch petals together at base, overlapping edges of petals to form a flower.

Glue pompon ball to flower center.

Make leaves as desired, using pattern No. 2 and following step 2. Attach to stem of your choice, i.e. pipecleaners, pencils, sticks.

Look for more ideas for the holidays next week as Lancaster *Farming visits the* Lebanon Extension homemaker's program.

Grange women compete in craft show

HARRISBURG — A part of this week's 110th Annual Session of the Pennsylvania State Grange featured the competition and judging of crafts and needlework entries created by Grange women across the state.

Winners of the various categories were:

NEEDLEWORK

Class A

1 Heidi Phipps R2 Kennerdell Scrubgrass #1705 Venango County 2 Bertha Fuller R1 Vister Sheshequin # 1363 Bradford Sullivan 3 Edith Gearhart R1 Smerksburg Mahoning #1732 Indiana

Class B

1 Mrs Bernard Kimble R2 Claysville In dependence #179 Washington 2 Loretta Lech R1 Vanderbilt Curfew #1052 Fayette 3 Dorothy Reichart R5 Hanover Gideon Grange #2010 York Adams

Class C

1 Martha Baldwin Oxford Fernwood #1329 Chester, 2 Martha Viehdorfer Karthaus Oak Hill #717 Clearfiled 3 Alida Priestner R2 Meshoppen South Auburn #1188 Susquehanna

Class D

1 Edith Gearhart R1, Smicksburg Mahoning #1732 Indiana 2 Alice Korfmann, R1 Wyalusing Spring Hill #178 Bradford Sullivan 3 Anna Miller R1 Shippensburg Plainfield #1727 Cumberland

Class E

1 Betty Christie Coatesville Fernwood #1329 Chester, 2 Mrs Norman Mains Newville Mifflin #1725 Cumberland 3 Katie Reigel Shoemakersville Virginville #1832 Berks

Class F

1 Jean Thompson, Mercer Mt Pleasant #1687 Mercer 2 Mary Beth Knepper Berlin Wills #1690 Somerset, 3 Mary Miller Carlisle Plainfield #1727 Cumberland

Class G

1 Marsha Rog, Tionesta Cherrytree #284 Venango 2 Virginia Mangel Butler Eureka #244 Butler 3 Susan Delaney DuBois, DuBois #808 Clearfield

Class H

1 Betsy Huber West Chester Goshen #121 Chester 2 Mrs George Brietweiser Laceyville South Auburn #1188, Susquehanna 3 Michele Fleischacker Colorado Bottle Run #1301 Lycoming

Class I

1 Lois Duppstadt Somerset Wills #1690 Somerset 2 Rose Marie Behm Marchand Mahoning #1732 Indiana 3 Sarah Kupski St Clairsville OH Aleppo #2054 Greene

Class J

1 Ruth Hoover Roaring Springs North [illegible] #1923 Blair 2 Elda Adams Shoemakersville Centerport #1600 Berks, 3 Harold Lambert Somerset Somerset #1697 Somerset

STUFFED TOYS

Class A

1 Denise Leonard North Warren Watson Jr Grange #385, Warren, 2 Kaye Frey R1 Newport, Perry Valley Junior Grange #507 Perry 3 Andrew Huber, West Chester Goshen Junior Grange #358 Chester

Class B

1 Amy Jo Broucher R5 Somerset Milford #1744 Somerset 2 Lorrie Wesner R1 Leesport Ontelaunee #1617 Bersk 3 Laura McMillin R1 Enon Valley Westfield #1514 Lawrence

Class C

1 Beverly Reynolds R8, Meadville, Penn Line #1784 Crawford, 2 Karen Phillips Franklin #1169 Fayette 3 Ruth Remaly Northampton Harmony #1692 Lehigh Northampton

MACRAME

Class A

1 Jane L Wanner Hamburg Kutztown #1836 Berks, 2 Linda Yoder R3 Stoystown, Wills #1690 Somerset

Class B

1 Mary Snyder Morrisdale, Centre Hill #885, Clearfield, 2 Helen Coughanour, Belle Vernon Rostraver #919 Westmoreland 3 Shirley Berger R3 Kutztown Virginville #1832, Berks

BRAIDED RUG

1 Mildred Ringler R1 Berlin Wills #1690 Somerset, 2 Pamela Garber, R3 Waynesburg East Franklin #1709, Greene 3 Helen Grove R2 Williamsport Bottle Run #1301 Lycoming

ZUCCHINI BREAD

1 Catherine Barnhart Butler Eureka #244 Butler 2 Ellen Williams Guy Mills Vernon #936 Guy Mills 3 Joan Nelson R3 Titusville Cherrytree #284 Venango

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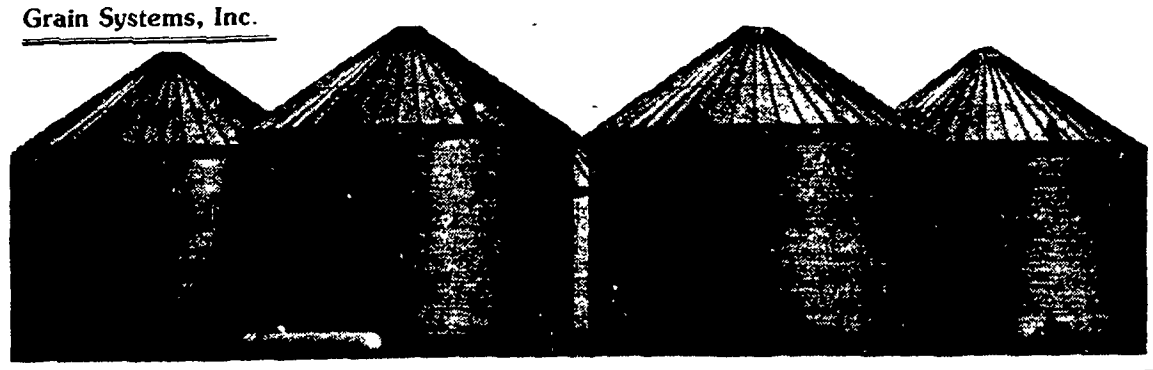
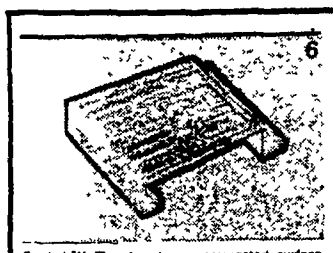
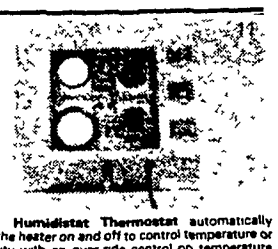
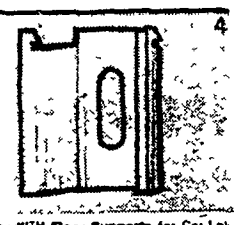




6 — Cor Lok™ **Flooring** has a corrugated surface which provides added strength while retaining the smooth surface desirable for bin sweeps and cleaning devices Round perforations cover the entire width of the surface area



11 — G S I **Humidistat Thermostat** automatically turns the heater on and off to control temperature or humidity with an over ride control on temperature against overheating Equipped with cord and male plug to plug into the receptacle of the control panel on the heater Also available in strictly humidistat or thermostat controls



4 — **Grand Stand™ Floor Supports** for Cor Lok and Channel Lok floors Fewer pieces and absence of rails makes installation easier Snap-in Hooks* hold support securely to the floor, preventing shifting when bin is empty and fan is on Now with added opening for better under floor air flow

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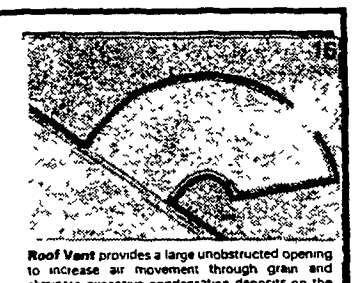
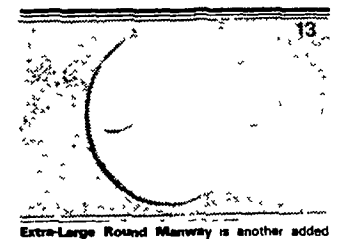
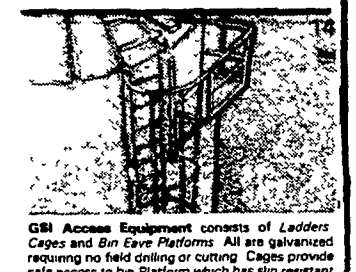


16 — **Roof Vent** provides a large unobstructed opening to increase air movement through grain and eliminate excessive condensation deposits on the inside of the roof Eliminates climbing on roof in bad weather conditions to open peak ring cap Includes bird screen



13 — **Extra-Large Round Manway** is another added feature of G S I bins This manway provides an opening for easy access Top hinges completely out the way when open Rounded edges provide safe entrance and exit through manway



14 — **GSI Access Equipment** consists of *Ladders Cages* and *Bin Eave Platforms* All are galvanized requiring no field drilling or cutting Cages provide safe access to bin Platform which has slip resistant floor and galvanized handrails

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'82 Forage Conference Nov. 22-23

UNIVERSITY PARK — The 1982 Forage & Seed Conference will be held on the main campus of Penn State on Nov. 22 and 23. According to program co-chairman John E. Baylor, Penn State forage agronomist, "we have developed an excellent program that addresses many of the issues that will be facing forage-livestock producers in the years ahead starting with the opening session Monday afternoon."

The official program gets underway at 1:15 p.m. in the auditorium of the J.O. Keller Conference Center on the Penn State campus. C.R. Krueger, newly appointed associate director of the Experiment Station will speak on the subject "Future Forage Research as I See It."

Two panels will take up the remainder of the Monday afternoon program. One deals with "Making the Most of Our Resources in Pa." and includes talks by Penn State scientists and a Pennsylvania farmer on land resources, water resources, crop resources, animal manures and managing resources. The second panel includes a "1982 Alfalfa Countdown" with several talks by Penn State scientists & interviews with the 1982 alfalfa champions.

"We've added a new wrinkle this year," Baylor says. "It's our first attempt at an Outstanding Forage Spokesman Program. Several outstanding forage producers will address the group Monday evening and again Tuesday morning and the outstanding spokesman will be named Tuesday afternoon."

Talks on Brassica crops and computers on the farm also will be given during the morning program.

The last half day will feature talks on pasture, corn silage, hay crop silage and hay preservation.

Persons interested in attending are asked to pre-register if possible. Complete details are available from county agents or from Baylor's office at Penn State. The conference is sponsored by Penn State in cooperation with the Pennsylvania Forage & Grassland Council and the Pennsylvania Seedsmen's Association.

Goat and sheep disease gets quick test

OAKLAND, Ca. — Researchers at Pullman, Wash., have developed the first quick, reliable, and economical test for caseous lymphadenitits, a major worldwide disease of goats and sheep.

A derivation of the ELISA (enzyme-linked immunosorbent assay) virus detection technique already in use against human and plant diseases, the new test will be used to help maintain disease-free flocks and also as a research tool.

Microbiologist David T. Shen, along with veterinarians John R. Gorham and L.W. Jen, developed the test which, in its first version, applies only to goats: caseous lymphadenitis is the number one goat disease in the United States.

Caseous lymphadenitis is a disease that involves the lymph nodes. Abscesses are found internally and on various parts of an infected animal's body. In goats, milk production is reduced and the animal can die from it. The disease is known to be transmitted by skin contact through wounds and abrasions but it is suspected that there are additional means of transmission.

Screening animals for infection before introducing them to a disease-free herd has always been impractical because the incubation period of caseous lymphadenitis is 1 to 2 months. Several laboratory diagnostic tests have been available but these tests have lacked accuracy and sensitivity, and were too costly and complex.

The ARS researchers used their ELISA test in a recent survey of goat herds in Washington and Texas to show that in goats, the occurrence of caseous lymphadenitis increases with age. The researchers are now adapting the test to sheep.

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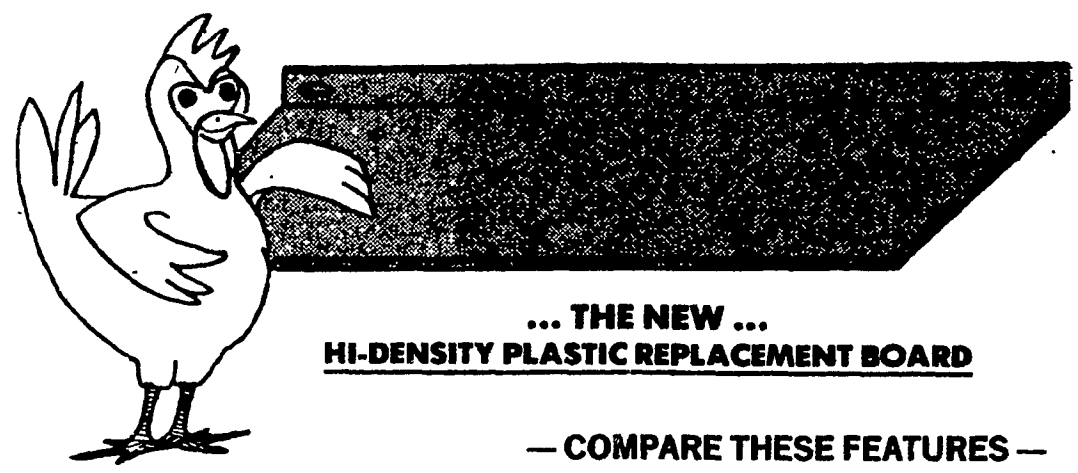

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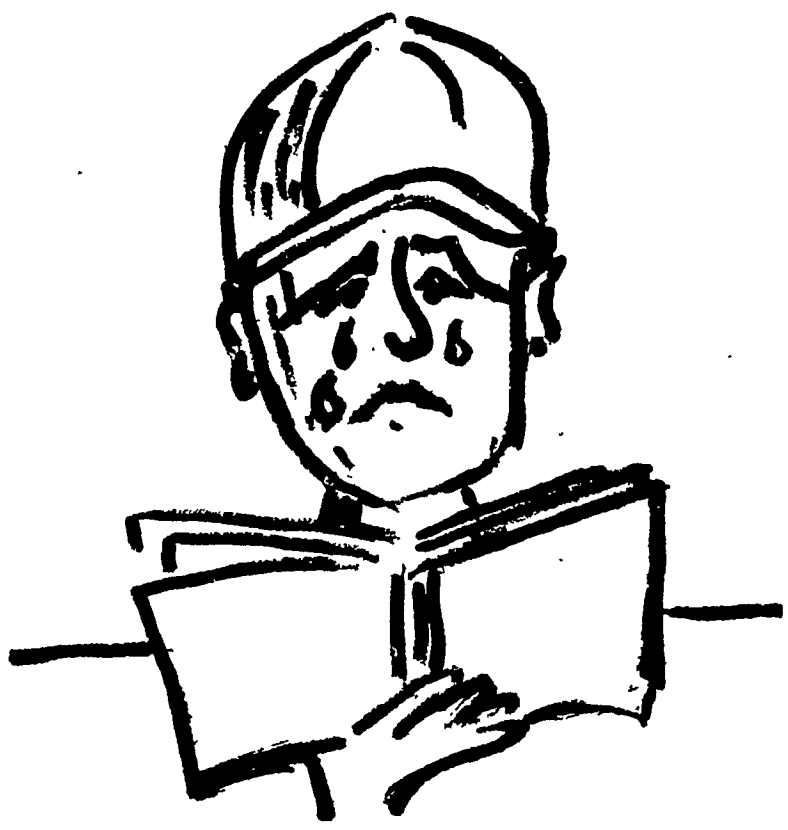

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Uncle Sam still owns a third of U.S. land

WASHINGTON, D.C. — Uncle Sam always was and still is America's biggest land owner.

It started 200 years ago when New York state turned over its lands beyond the Applachian Mountains to the new central government. Then the tremendous territorial acquisitions of the 19th century — from the Louisiana Purchase to the buying of Alaska — rapidly expanded the nation.

Over the years the federal government has given away or sold more than half of its lands, primarily to newly forming states, railroads, and homesteaders. Yet the deed to a third of the nation — nearly 740 million acres — still bears Uncle Sam's name.

"For Sale"

The Reagan administration's plan to sell off some of this land to help pay off the national debt, beginning with nearly 5 million acres, could turn into the biggest transfer of public lands into private hands since frontier and homesteading days.

Just what does the government still call its own? Most of the West — almost all of Nevada and Alaska, more than half of Utah, Idaho, and Oregon, and big chucks of Arizona, California, and Wyoming. The federal government owns at least some part of every state in the union.

Federal lands are rich in coal, oil, natural gas, oil shale, uranium ore, and geothermal energy. Although the natonal parks and wildlife refuges are best known, most federal land is vast open rangeland where millions of cattle, sheep, and horses graze, and thick forests which supply timber for millions of houses.

The steward of about 70 prcent of all this territory is, appropriately, the Department of the Interior. Within Interior, the Bureau of Land Management oversees the largest block of federal lands — 43 percent or about 320 million acres of mainly open space that is valued primarily for grazing and mineral rights.

Almost all the acreage in the land sales scheduled to begin next year is "excess" BLM land, estimated to yield about $2.5 billion. The administration has proposed selling up to 5 percent of federal lands that are not specially protected, with BLM lands outside Alaska a prime source.

Interior's Fish and Wildlife Service is caretaker for 12 percent of federal land, running 410 refuges to protect the habitats of waterfowl, endangered species, big game, and other animals.

Guardian of the world's first national park system, Interior's National Park Service supervises the most famous 10 percent, 74 million acres of popular parks including Yellowstone, Yosemite, Grand Canyon, Redwood, Glacier, Everglades.

Through its Bureau of Indian Affairs, Interior acts ad trustee for another 7 percent, the federally managed Indian-owned properties totaling about 53 million acres of reservation land.

USDA second

The second largest block of lands, 25 percent, is controlled by the Department of Agriculture through its U.S. Forest Service. Half as big as Alaska, the 191 million acres encompass 155 national forests and 19 grasslands.

Only about 60,000 of these acres are included in the initial lands sales, but the Agriculture Department plans to ask Congress for authority to sell an additional 15 million to 18 million acres, estimated to be worth about $9 billion.

The rest of federal land is divided up among assorted other agencies and departments, from the General Services Administration to NASA. The Department of Defense, for example, operates military bases and other facilities on about 3 percent. Some of its most desirable "surplus" parcels are up for sale, including 17 acres along Waikiki Beach that are part of Hawaii's Fort De Russy.

Federal policy on most lands that have not been specially protected like the parks has been to put them "to several uses at the same time without exhausting their resources."

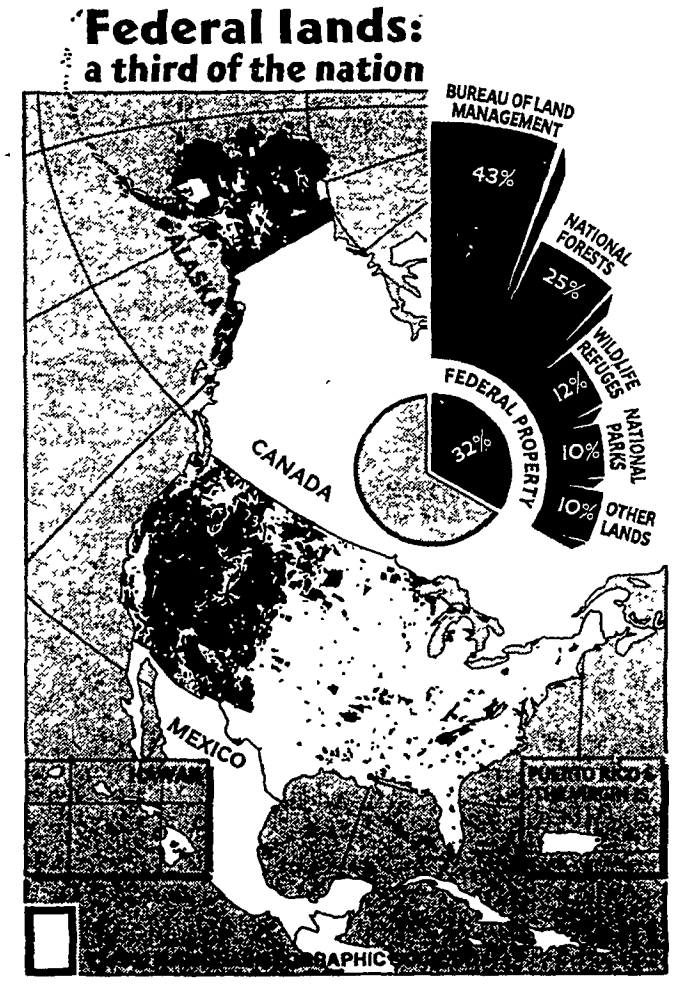
Federal agencies try to balance the "competing demands of energy industries, ranchers, timber companies, vacationers and other groups." Although this multiple-use concept has been accepted for a long time, interpretations have differed.

Opening the land

Under President Reagan, Interior Secretary James G. Watt has reversed the direction of his predecessors by emphasizing resource development rather than preservation. Federal lands are believed to hold at least 20 percent of known oil, 30 percent of natural gas, and 40 percent of coal resources as well as 40 percent of commercial forests.

"I want to open up as much land as I can," Watt has said. Earlier this year President Reagan established the Property Review Board to set policy guidelines about which federal lands should be kept, sold or leased.

Selling off land to raise money is as old as the country. In fact much of the new nation was pieced together with land sold by somebody else. The two largest territories were acquired when France sold everything between the Mississippi River and the Rocky Mountains in 1803 for $15 million and Russia sold Alaska in 1867 for $7 million.



Animal rights curriculum guide alternative available

SOUTH ST. PAUL, Mn. — An alternative to the school curriculum guide circulated by the National Association for the Advancement of Humane Education, the educational arm of the Humane Society which promotes the animal rights philosophy, has been developed by the Iowa Department of Agriculture, the Iowa State University, and the Iowa Farm Bureau.

Called "Agriculture in Iowa," the guides for 4-6th grades are intended to help pupils learn about agriculture — its importance as the state's major industry, its role as a source of employment and careers, and its role in meeting basic human nutritional, clothing and shelter needs.

Included with the guide is material which may be used by students and teachers in the classroom. The guide urges that young people be given the opportunity to learn directly from people connected with agriculture. Cooperating groups have pledged assistance in identifying local representatives who will work with teachers in helping present the material.

Copies of "Agricultre in Iowa — an Elementary Curriculum Guide" are available for $5 from the Iowa Department of Agriculture, Henry A. Wallace Building, Des Moines, Iowa 50319.

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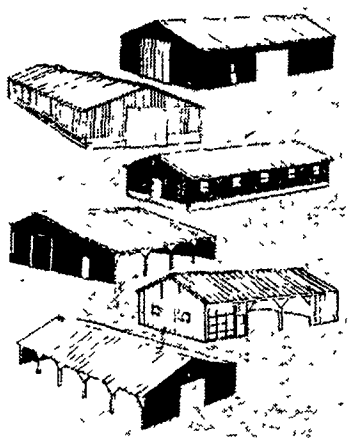

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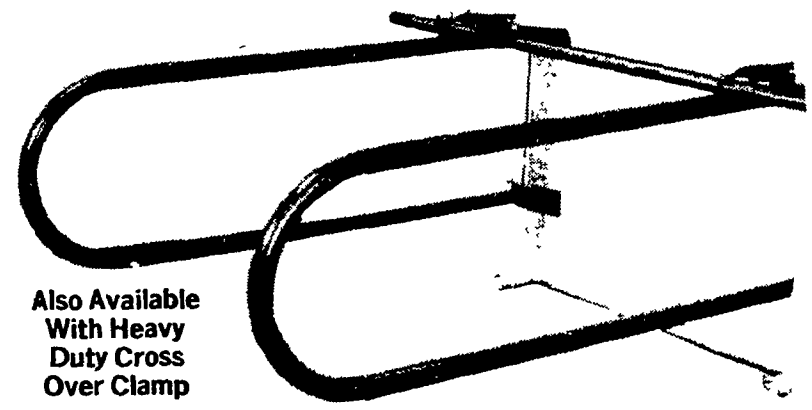

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Franklin Co. Achievement banquet honors 4-H'ers

By Beth Hemminger
Staff Correspondent

CHAMBERSBURG — Last week the Franklin County 4-H leaders and members ended a year of hard work and achievement in the 4-H program at their annual banquet, here.

Receiving the Outstanding 4-H'er Award in the county was Cathy Wildeson. Cathy was selected by the Extension Staff for this award because of her dedication to the 4-H program through the years as a 4-H member.

The 'I Dare You Award' was presented to Marty Riechard and Michelle Mower. The award acknowledges the achievements of these 4-H'ers and encourages them to continue to accomplish their goals throughout their careers in 4-H and in the future.

Donald Sheiss and Karen Beaver were presented the Junior Achievement Award. This award is presented to two junior 4-H member who are high achievers and have displayed great potential in their 4-H work.

Winning the scrapbook awards were the Waynesboro Horse and Pony Club and the Duffield Country Kids.

The 1982 award winners in the National Awards Program were honored at the banquet. Winning in the achievement program was Paul Cashell. Agricultural winners were Kelly Cordell, Christopher Reichard, Krystal Benedict, Heather Fusting; and baby beef awards went to Donald Sheiss, Rhonda Fahrney, Greg Christman and Loren Burkholder.

Clothing winners were Cathy Wildeson, Karen Beaver, Michelle Mower and Marina Keefer. Dairy awards went to Paul Cashell, Kelly Cordell, Donna Cashell and Collene Kessler; and field crops to April Martin.

Winning in other programs were: food-nutrition, Zoe Wildeson, Karen Beaver, Christopher Reichard and Molly Reichard; gardening, April Martin, Carol Divelbiss, Collene Kessler and Rhonda Garling; health, Carol Divelbiss and April House; home environment, Cathy Wildeson, Michelle Mower, Marina Keefer and John Keefer; home management, Annette Geesaman, horse, Debbie Cashell, Collene Kessler, Donna Cashell and Rhonda Garling; petroleum power, Ronald Stull, Mike Cordell, and Doran Meyers; photography, Lori Johnson, Laurie Middour, Mary Middour and Angela Mentzer; poultry, Ronald Stull and Denise Kessler; rabbit, Steve Oliver, Rodney Garling, Kelby Mowery and Sam Welty; recreation, Debbie Cashell, Molly Reichard, Kim Wildeson and Marty Reichard; sheep, Zoe Wildeson, Christiana Keener, James Good and David Keener; swine, Donald Sheiss, Loren Burkholder, Craig Burkholder, and Marty Reichard; veterinary science, Steve Oliver and Beth Mowen; wood science, Matt Runyon, John Keefer, Richard Johnson and Richard Divelbiss.

In the Fashion Revue competition, the senior division winners were: Cathy Wildeson, Joe Wildeson, Michelle Newman, Lois Dice, Yvonne Stoops, Molly Reichard, Kim Wildeson and Annette Geesaman. Winning in the junior division were Michelle Mower, Marina Keefer and Lori Johnson.

Winning a Keystone Awards in the National Awards Program were Paul Cashell and April Martin.

The 4-H leaders didn't go unnoticed at the banquet, they also received certificates and pins for a job-well-done.

Among leaders receiving a first year pin and certificate were: Sally Bacon, Carolyn Bogue, Joan Brechbill, Rebecca Brechbill, Sharlyn Brechbill, Patricia Burhenne, Lori Burkholder, Shirley Eutzy, Cathy Flohr, Sandar Gingrich, Nancy Heishman, Jacquelee Mower, Bette Renshaw, Gloria Sword, Maxine Sweeney, Judy Zeigler, Kim Mentz, Dorothy Bert, Adelle Beaston, Betty Keener, Patricia Martz, Jayne Kuhn, Gerald Beckner, Al Good, Ruth Good, Mark Keener, Elizabeth Keener, Donald Hess, C. Robert Shank, Gary Zimmerman, Linda Horsh, Karen Stull, Donald Upperman, Samuel Welty, Carol Weachter and Ivan Niswander.

Receiving a five-year certificate were Relda Stoops, Mary Coons, Grant Gayman and Lucy Carty. Ten-year leaders receiving an award were Edward Brake, Roger Dice and Lorraine Stouffer.

Richard Harshman received an award for 21 years of service to the 4-H program. John Stoner has been a 4-H leader for 24 years and Kenneth Mummert a 4-H leader for 26 years.

Cathy Wildeson was awarded the coveted Outstanding 4-H member award at last week's Franklin County Achievement night.

Franklin County 4-H award winners at the annual achievement banquet included from left, Michelle Mower and Marty Reichard for the "I Dare You" award; and Donald Sheiss and Karen Beaver for junior achievement.

Two very happy 4-H members, Paul Cashell and April Martin, were Keystone Award winners in the National 4-H Program.

Franklin holds second lamb sale

CHAMBERSBURG — The second annual Franklin County 4-H Lamb Club show and sale was held at the Chambersburg Livestock Market on Thursday, October 14.

Grand Champion Lamb was shown by Donald Sheiss, Chambersburg. The 106-pound champion was purchased by Campbell's Country Meats of Chambersburg, for $2.20 a pound.

Reserve Champion, shown by Greg Christman, Chambersburg, weighing 86 pounds was purchased by Cozy Inn, Chambersburg, for $1.65 per lb.

Marty Clemmer, Marion, showed the Mediumweight Champion, a 90-pound Lamb that was purchased by Travel Lodge of Chambersburg, for $1.50 per pound.

The Light Heavyweight Champion, also shown by Greg Christman, was bought by Agway Inc., for $1.35 a lb.

The Heavyweight Champion, a 128-pound lamb, was purchased by the Meyers Implement of Greencastle for $.95 a pound.

The 34 lambs sold averaged 97 pounds and went across the auction block at the outstanding price of $1.18 per lb.

Junior fitting and showing champion honors went to Eric Sheiss, Chambersburg. The intermediate fitting and showing championship was captured by Greg Christman, Chambersburg, while the senior fitting and showing champion honors went to by Zoe Wildeson, Chambersburg.

The show was judged by Don Sunday, a professional sheep and wool grower, from York County.

Other buyers supporting the sale were: Foot of the Mountain Restaurant, Mercersburg; Kline's Store, Shady Grove; John Wanamaker; The Shepard's Crook, Mechanicsburg; Arthur Diehl & Sons, Shippensburg; Dr. Ashby, Chambersburg; Redmond Davis; Twigg Insurance, Chambersburg; Grove Mfg. Co., Shady Grove; John Wallace Kitchen, Waynesboro; Chestnut-Log Restaurant, Waynesboro; John Diehl, Shippensburg; The Country Butcher Shop, Plainfield; J. Martin Benchoff, Shady Grove; North Market Butcher Shop, Newville; Edward Turnbach; Miller's Orchard, Marion; Robert Easton, Lewis Good, and Don High.

4-H

Don Sheiss, right, and Greg Christman, left are shown with the Grand Champion and Reserve Champion Lambs selected by Judge Don Sunday at the recent Franklin County Lamb Club Show and Sale.

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In recent legislation Allen Ertel voted against HR6955. U.S.D.A. 50¢ milk tax bill.

Del. couple works to make small farm productive

By Doris Crowley

NEWARK, Del. — How can a 28-acre farm become self-supporting when it has only two tillable acres and a third of the land is in woods?

That's the question Sue and Paul Dennison asked themselves three years ago when they decided to try making their northern New Castle County farm pay for its keep.

For years Hideaway Farm has produced hay for cows on an adjoining farm — a useful but not very profitable enterprise. Both farms are still there, but most of the surrounding farmland has been converted to upper middle class housing developments.

Besides tailoring production to fit the terrain, the Dennisons have had to find ways to make the most of their limited work force. Paul has a full-time job managing the greenhouse and gardens at the University of Delaware's agricultural college in Newark. This leaves Sue, a former home economist who loves the outdoors, to handle production and harvesting except on weekends and evenings.

Currently the couple grows fruits and vegetables on six-tenths of an acre of reasonably level ground and has begun planting Christmas trees on the hay slopes. They also have improved the woodlot for timber production and are selling firewood from it. They won't realize a profit from the tree or timber projects for a number of years. In the meantime, they're assessing the pros and cons of the fresh produce venture.

Growing Christmas trees seemed a logical alternative to hay on the hillsides where cultivation is a problem because of the danger of erosion. Paul's first cash crop on the farm was Christmas trees. He was 10 when he planted 100 trees, which he cut and sold as a high school senior. The proceeds paid for his first car.

Fruits and vegetables also yield a high return per acre, so they were a logical choice for the tillable land. After considering their marketing options, the Dennisons decided that, for the present, it would be more convenient to sell these wholesale through local produce outlets, rather than try to handle a pick-your-own operation or roadside stand.

Sue Dennison stacks wood during wintertime woodlot improvement project at Hideaway Farm. She and husband Paul hope firewood and timber will turn a profit on family's small farm in New Castle County, Del.

They talked with county Extension agent Dean Belt about the feasibility of these plans. He offered suggestions and encouraged them to go ahead. He also suggested they contact county forester Kevin Donnelly for advice on making their woodlot more productive.

Donnelly inventoried the woodlot and drew up a 20-year maintenance plan which will eventually yield some valuable timber.

The Dennisons spent the winter of 1980/81 improving the stand on eight acres of the woodlot, following Donnelly's advice. "Improvement" is a rather tidy word for the dirty, exhausted labor involved in clearing out the dense tangle of underbrush, honeysuckle, wild rose, grape and damaged, dying or competing trees. But the remaining oaks, beeches, poplars, hickories and other hardwoods should thrive. Some will be ready to cut within five or 10 years.

"For us, part of the woodlot's value is aesthetic," says Sue who, along with Paul, wielded chain saw, ax and clippers. There's still shelter for wildlife, but conditions are more favorable now for the emergence of seedlings or the establishment of replacement trees.

Their well-managed woodlot and Christmas tree operations impressed foresters who visited Hideaway Farm during a gypsy moth tour last spring. As a result, the state department of agriculture has named the Dennisons Delaware Tree Farmers of the Year.

One result of their labors in the woodlot two winters ago was a huge pile of firewood — 12 cords of it — which they have since sold. In fact, there's such a demand for firewood the Dennisons are considering cutting some of the less valuable timber in one section themselves for this purpose, instead of bringing in a logging operation to clearcut it, as originally planned. They can cut wood in the winter when there are no crops to tend, thus making

(Turn to Page B26)

Paul Dennison prepares to market spring planting of head lettuce, one of crops he and wife Sue produced this year on their 28-acre farm in New Castle County, Del.

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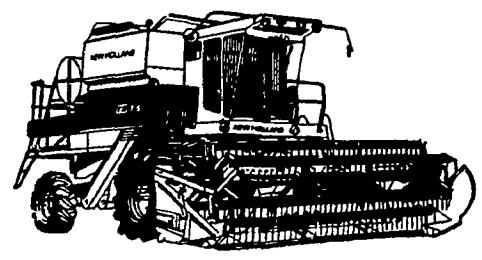

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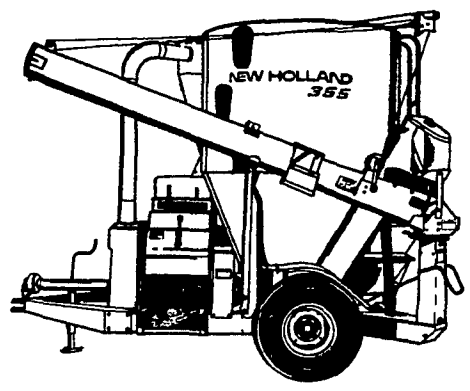

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Delaware couple

(Continued from Page B24)

better use of their small labor force. This also gives them a current as well as a long-range yield from the lot.

For their Christmas tree enterprise, the Dennisons plan to set out a thousand trees a year until they have 7,000 or 8,000. They started planting three years ago and some of the first ones are now putting out good growth.

"As they get older, we realize we're going to have to spend more time on the Christmas trees," says Sue. "They'll have to be pruned and sheared, and there may be insect or disease problems. The longer a tree is in the ground, the more problems you can expect." One pest that worries them is the gypsy moth. In their later stages the larvae will eat conifers.

The couple has already discovered how destructive field mice can be if weeds are allowed to grow around the bases of young trees. In the rush of growing and picking vegetables two summers ago, they let the weeds get ahead of them. When cold weather arrived, overwintering mice girdled a number of the young trees so they had to replant many last spring.

To make sure that wouldn't happen again, the Dennisons revised their 1982 fruit and vegetable plan, dropping some of the more labor-intensive crops they grew in 1981. This has given them more time for tree care. It has also given them the chance to take an occasional day off during the growing season this year.

Their first commercial vegetable crop was a fall planting of cauliflower in 1980. Because of drought, they lost about 75 percent of the plants — an experience which convinced them they shouldn't try to grow vegetables without irrigation.

By the following spring they had a well drilled, a pumping system installed and water brought to the edge of the garden. Now they grow most of their fresh market crops on black plastic mulch with drip irrigation.

They estimate it will take six or seven years to recover their investment in the system, but, says Paul, it's definitely been worth it. "I wouldn't advise growing vegetables anywhere in Delaware without irrigation. This year was a pretty good one for rainfall in northern New Castle County. Still, I think the system more than paid for itself. It means higher yields and higher quality."

The Dennisons have located their fruit and vegetable enterprise on two relatively flat pieces of ground totalling less than an acre. You can grow a lot of produce on that much land. In 1981 they raised cabbage, cauliflower, head lettuce, eggplant, tomatoes, peppers, watermelon, cantaloupe, zucchini, cucumbers, snap beans, broccoli and Chinese cabbage. They tried to line up buyers for these even before the crops were in the ground. To avoid plant diseases, they grew everything from seed, rather than buying transplants. This year they reduced the selection to seven crops — lettuce, tomatoes, peppers, cucumbers, cantaloupes, honeydew melons and cauliflower. But they did add a permanent planting of red raspberries.

Sue does most of the picking, delivering produce the same day, since the farm has no cold storage facility. Having proved themselves the year before, the Dennisons found it easier to get advance commitments from buyers. During the winter they consulted with these people to find out what crops they were most interested in.

"We had a lot of requests for honeydew and crenshaw melons," She says. "So we sat down with our commercial books and came up with some questions. Then we called Ed Kee, an Extension vegetable specialist, and asked him what the story was on these melons. It turns out that crenshaws don't pollinate well so you sometimes get distorted fruit. That's why they cost so much. We didn't want that problem, so we found a honeydew variety that does well in Delaware and has the same culture as a cantaloupe. Cantaloupes did well for us last year."

They also consulted Kee about possible tomato varieties, and asked for leads on vegetable production supply sources. "In our area," says Paul, "it's hard to find these supplies. We had to drive to Dover and New Jersey, or pay extra to get things shipped."

The Dennisons consider the past two years experimental, as far as their produce enterprise is concerned. They're still not sure which combination of fresh market crops will prove most profitable under their circumstances.

They keep careful records of crops grown, planting and harvest dates, pest control problems, yields, sales, and the labor involved. Thus they can pinpoint management problems and make objective decisions.

The figures aren't complete for the current season, but they do have a complete breakdown for 1981. For anyone who thinks part-time or small-scale farming is a breeze, the figures are instructive.

"We put in a total of 1,800 hours last year," says Paul, "not counting at-home planning. This averaged not quite 40 hours a week, but that's a very deceptive average. During the peak of the growing season, Sue's days were more likely to be 7 a.m. to 5 p.m." On Saturdays both often worked from eight in the morning until dark, picking everything that was ripe and then sprayed to control insects or protect plants from disease.

"If it rained then, it really messed up our schedule," Paul says.

Last winter they reviewed the list of crops grown the year before and decided to drop those which involved too much labor, had too many pests, or commanded a price too low for their unmechanized set-up.

As with any new venture, the couple is learning some lessons the hard way. Take the raspberries they added last year for a spring cash crop. "We weren't sure of the row spacing because the literature varies quite a bit," says Paul. "So we tried two spacings. One is

(Turn to Page B27)

Crisp Delaware lettuce - one of cash crops being tried as the Dennisons look for ways to make their small farm more productive. They also grew tomatoes, peppers, cucumbers cantaloupes, honeydew melons, cauliflower and red raspberries for local fresh market sale.

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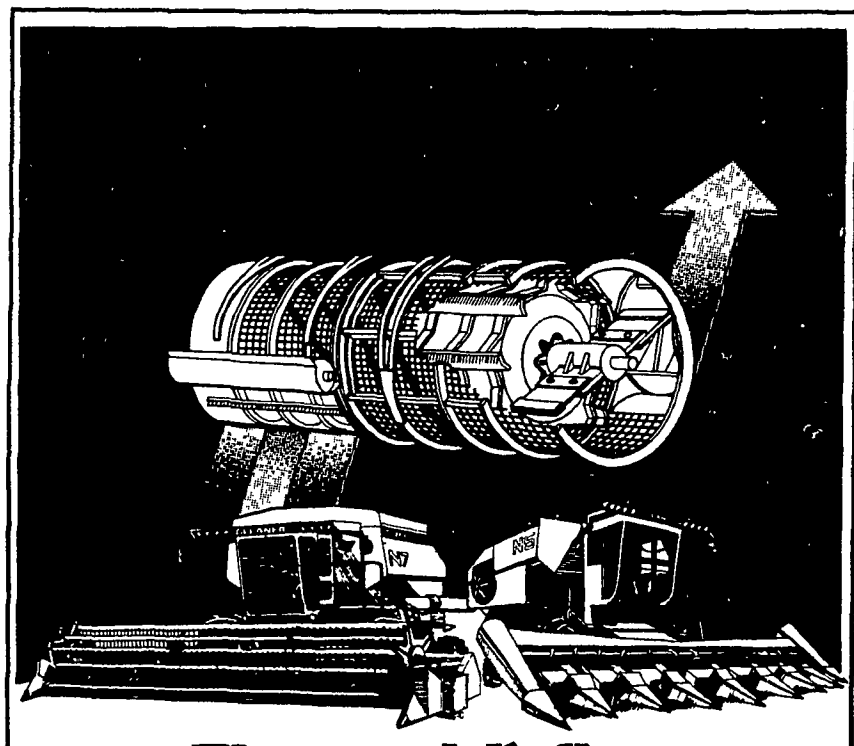

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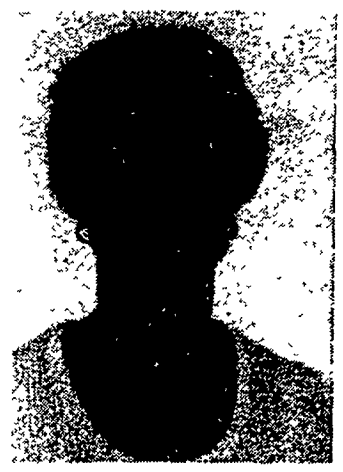

On being a farm wife -And other hazards

Joyce Bupp

Fascinating.

An art show in Baltimore recently previewed, featuring a gallery chock full of displays on one subject: pigs.

Television news coverage of the event showed paintings and renderings in other mediums of pigs lined up eating at the trough, piglets nursing their mothers, hogs in a variety of piggy pursuits.

Invited guests for the gala opening munched away at snack items served in hog trough-replicas and nibbled at a pig-shaped cheese ball while they pondered the framed porcine figures.

I've known a few pigs I'd like to frame.

The two that immediately come to mind were Snort and Grunt.

Just in case you haven't figured out those names, the two gilts got their lables from the appreciative noise that erupted at feeding time. Okay, maybe the names weren't original — but they fit this pair well.

(We later had a pair named Plow and Chisel, due to their incessant ripping and rooting up of the pasture.)

Anyway, Snort and Grunt were squabblers. They fought like the proverbial cats and dogs, occasionally drawing blood by biting at ears and tails. And one was slightly larger than the other — I don't remember which was which — and always bested the small penmate.

Eventually, to keep the peace, Snort and Grunt were temporarily housed in separate but neighboring individual calf pens, for a brief period until their stay was to end.

While they couldn't live together peacefully, neither was very happy about the plywood divider between them, nor about confinement in general. With the ingenuity of a piqued pig, it wasn't long until both figured out how to lift up the front of their pens and wriggle out.

With the joy of temporary escape, the pair would carvort around the yard, rip through the flowerbeds and make a mess of the bales and bags of feed stored in the barn.

Then came the morning when their mischief came to a head.

Our oldest youngster was then in kindergarten, and several of us neighborhood mothers drove in a carpool to haul our children to class. Chauffer for the week was the minister's wife.

She was sporting a broad grin when I answered the door.

"Do you know there are two pigs running around the yard?" she queried. "They were sprawled out across the porch when I got here."

And then she giggled, remembering a television show popular about that time, and grunting, porky show-stealer named Arnold.

"It looks like 'Green Acres' here," she teased.

Maybe Snort and Grunt missed their chance when they went to the butcher shop, instead of Hollywood.

U. S. will not restrict meat imports

WASHINGTON DC — Secretary of Agriculture John R. Block announced last week that the fourth quarterly estimate of U.S. meat imports for 1982 is below the level that would require restraints on imports under the Meat Import Act of 1979.

Block said, based on estimates of available supplies, imports of beef and certain other meats should total about 1.295 billion pounds — 5 million pounds below the 1982 trigger point of 1.3 billion pounds. The 1.295 billion pound fourth quarterly estimate is based on Voluntary Restraint Agreements with Australia and New Zealand and an exchange of letter with the Canadian government.

The Meat Import Act requires the president to restrict imports of certain meats — primarily beef and veal — if U.S. Department of Agriculture estimates of those meat imports will equal or exceed 110 percent of a stated level.

"Based on today's estimate, there was no need to impose quota restrictions," Block said.

USDA makes a new estimate of meat imports before each calendar quarter. The first quarterly estimate for 1983 will be made in December and announced on or before Jan. 1.

Delaware couple

(Continued from Page B26)

definitely too close. Now we have to worry about that for 10 years, because it's a permanent planting."

One reason the Dennisons are doing all this is that they want to keep Hideaway Farm's present status as a working farm. If it weren't for the Farmland Assessment Act which establishes a different tax base for land use in production agriculture, they agree that it would be almost impossible to farm in the county today. One recent proposal would have increased that farmland tax to nearly $300 an acre — enough to put even the big farmers under.

Is it worth the effort? "That depends," says Paul.

They say if they were doing it just for the money, the answer would be no — at least so far. That's partly because of the cost of going into production. With the well and the water already available, start-up costs would have been much lower. Also, in the case of the Christmas trees, they're dealing with a crop that takes a long time to become harvestable. They won't see the profit from them for at least seven years.

"It's a real learning experience," says Sue. "You're always evaluating what you've done and how you could change it. There's a certain amount of satisfaction that's not easily quantified. I might have made more money last year working at McDonald's, but the satisfaction just wouldn't have been there."

With the lessons they've learned and the adjustments they've made, the Dennisons are already finding this year's farming effort more enjoyable and manageable.

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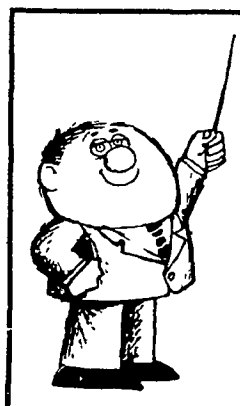

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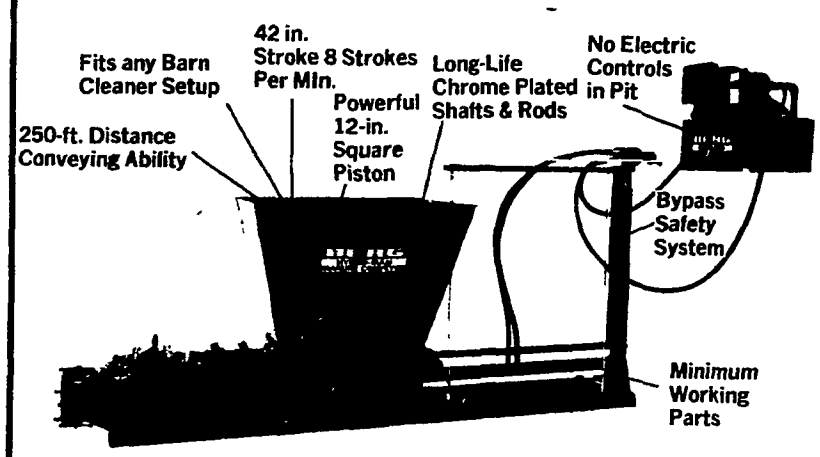
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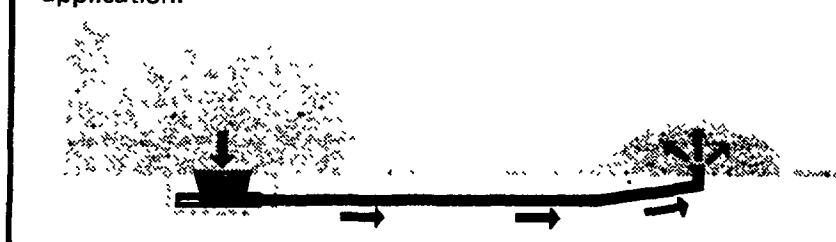

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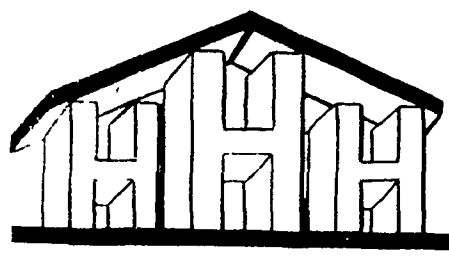

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Members of Berks 4-H Swine Club receive awards

By Laurel Schaeffer

SHARTLESVILLE — More than 100 people turned out to help Berks County 4-H Swine Club members celebrate another year of achievements as they hosted their fifth annual banquet last Saturday at the Shartlesville Grange.

Highlights of the evening were the presentations of awards and recognition of the champion and reserve champion hog exhibitors. Club President, Charles Seidel, Lenhartsville received honors for the best blueform and best project book in the over-16 age class. Seidel, 16, also was given an award for placing as champion swine showman, 16 and over.

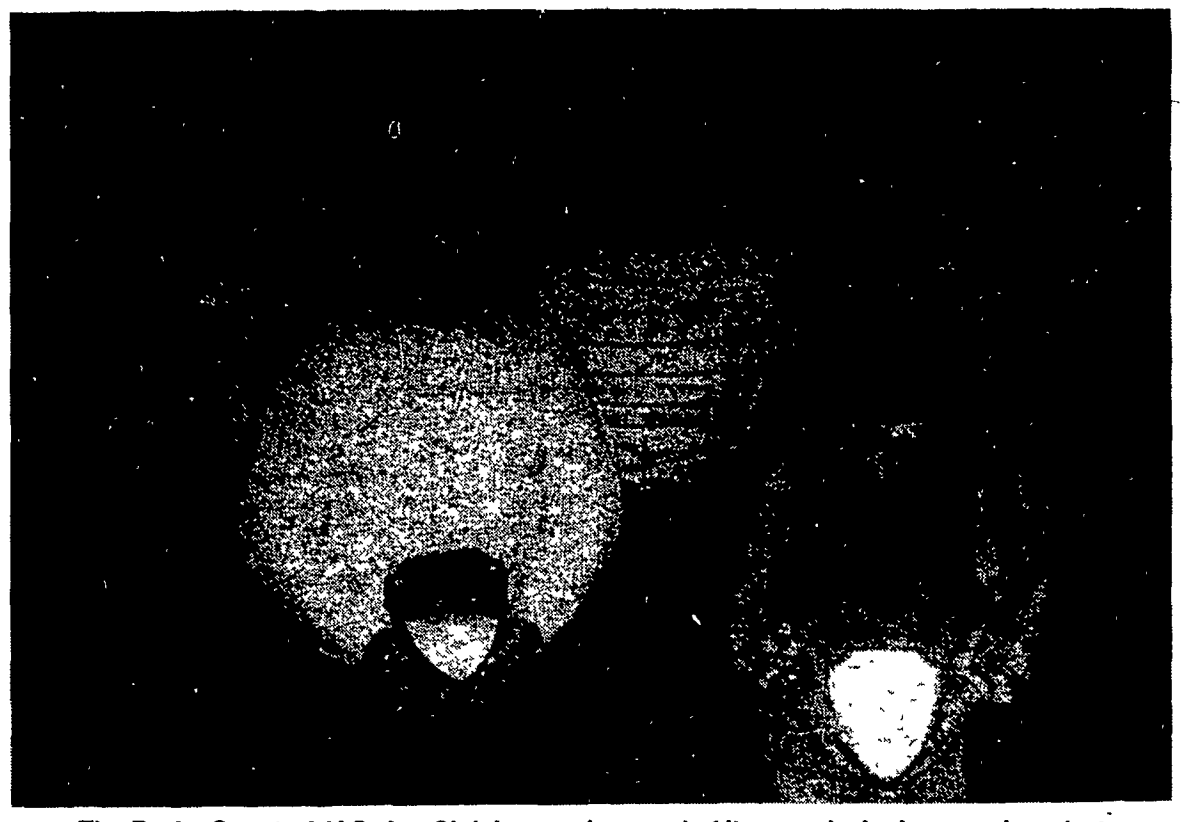
Club Secretary Kenianne Rarick, 15, of Reading received an award for best blue form in the 12-15 age group and also was champion fitter and showman in her intermediate show classes. Other awards were presented as follows:

Best Blueform ages 8-11-Jina Leatherman, Hamburg; Best Projectbook ages 12-15-Greg Stricker, Bernville; Best Projectbook ages 8-11-Randy Balthaser, Bernville. Randy received a plaque for being champion swine showman ages 8-11, also.

Champion fitter 16 and over-Harold Dietrich, Hamburg; champion fitter 8-11-Kent Fisher, Oley. Grand champion market hog-Kirk Fisher, Oley; reserve grand champion market hog-Gary Rohrbach, Shoemakersville.

Receiving certificates for completing their swine projects for 1982 were: Jan Adam, Randy Balthaser, Dennis Cooper II, Harold Dietrich, Kent Fisher, Kirk Fisher, Valerie Hunter, Kenianne Rarick, Gary Rohrbach, Mark Rohrbach, Steve Rohrbach, Charles Seidel, Henry Seidel, Patty Smith, Terry Snyder, Greg Stricker, Clarinda Leatherman, Jina Leatherman, Denton Beck, Doug Beck, and Mike Carter.

Assisting with the 4-H Swine Club for the past year were leaders: Alton Rohrbach, Shoemakersville; Jim Dietrich, Hamburg; Leonard Rohrbach, Shoemakersville; Dennis Cooper, Lenhartsville; Shirley Stricker, Bernville; Kenneth Rarick, Reading; and Nancy Seidel, Lenhartsville.



The Berks County 4-H Swine Club honored several of its award winning members last Saturday. From left, Greg Stricker, 14, of Bernville had the best project book in the 12-15 age division; Jina Leatherman, 11, of Hamburg, excelled in blueforms in the 8-11 group; Kenianne Rarick, 15, of Reading, had the top blueform in the 12-15 division; Randy Balthaser, 9, Bernville, was honored for the top project book 8-11; and Charles Seidel had the best blueform and project book in the 16 and over group.

Receiving trophies for their performance in the recent swine show were: from left, Kent Fisher, Oley, jr. fitter; Kirk Fisher, Oley, champion market hog; Gary Rohrbach, Shoemakersville, res. champion market hog; and Harold Dietrich, Hamburg, sr. fitter.

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Franklin 4-H'ers sell beef champions

Donald Sheiss, Chambersburg, is shown with the Franklin County 4-H Baby Beef Grand Champion, a 1355-pound Chianina-Hereford Crossbred steer.

CHAMBERSBURG — The 47th annual Franklin County 4-H Baby Beef Club Show and Sale was held at the Greencastle Livestock Market, Monday, October 11 with an average selling price of $1.01 per pound.

The Grand Champion steer, a 1,355-pound Chianina-Hereford crossbred, was shown by Don Sheiss, Chambersburg. The champion was purchased by Wayne F. Craig & Sons, for Ruperts Meat Market of Chambersburg, at $2 a pound.

The Reserve Champion, a 1,180-pound Charolais, shown by Holly McLaughlin, Greencastle, was purchased by Rice's Meat Market for $1.83 per pound.

The Light Heavy-weight

(Turn to Page B30)

Holly McLaughlin, Greencastle won the Franklin County 4-H Baby Beef Reserve Champion award with this 1,180-pound Charolais named "Count-me-In."

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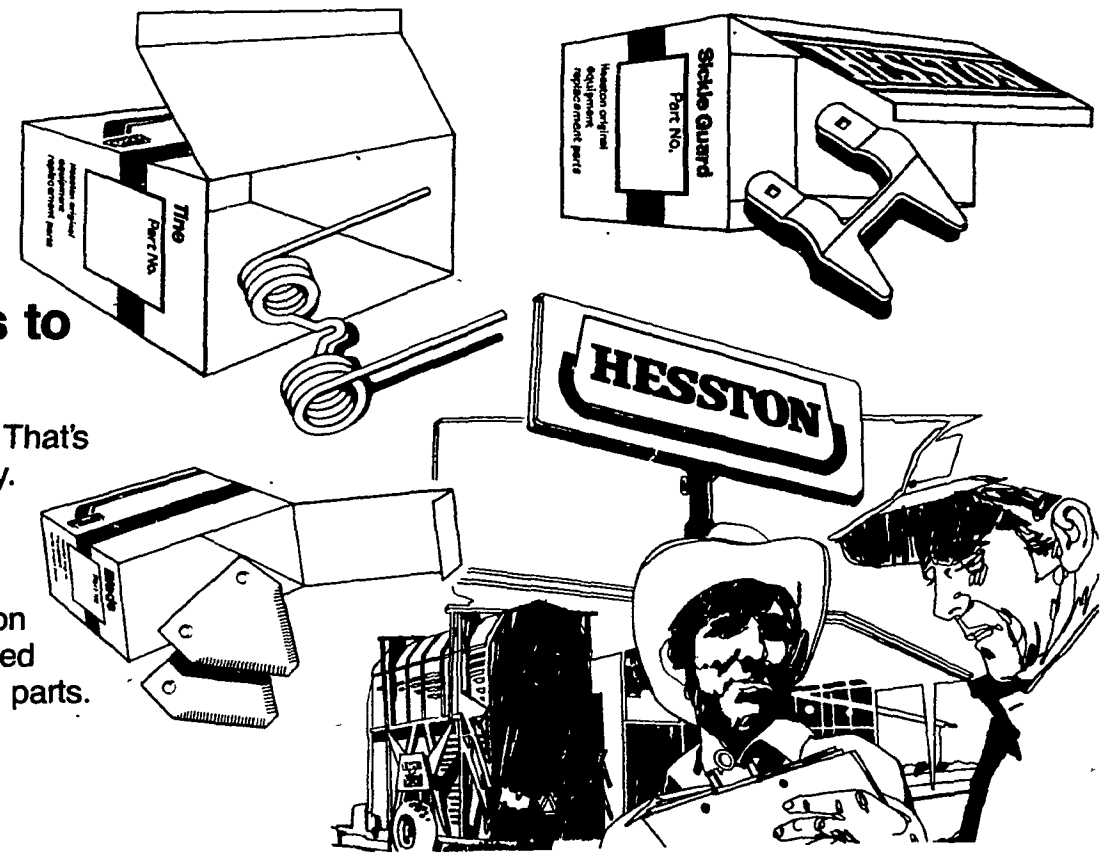

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Franklin 4-H'ers

(Continued from Page B29)

Champion, shown by Marla Frank, Chambersburg weighing 1,140 pounds, was purchased by Laurich Estates for $1.32 a pound.

The Medium-weight Champion shown by David Stratton, Chambersburg weighing 1,015 pounds was purchased by Twigg Insurance Co. of Chambersburg, for $1.30 a pound.

The Lightweight Champion shown by Joe Matcalfe, Waynesboro, weighed 960 pounds and was purchased by the J.C. Penney Co. of Hagerstown, MD., for $1.12 a lb.

A total of 48 steers were sold with 9 head being held for the 1983 Farm Show. The sale totaled 53,210 pounds of beef-on-the-hoof, selling for $53,770.

In the showing classes, Nicole Lebo, Greencastle, was the novice champion, while sister Regina Lebo was the intermediate age champion.

Junior champion showing honors went to Joe Metcalfe, Waynesboro, with senior honors going to Brenton Upperman of Chambersburg.

In fitting competition, novice honors went to Nicole Lebo, while intermediate fitting honors went to Holly McLaughlin, Greencatle. Junior fitting championship honors went to Leslie Fahrney, Waynesboro, with senior honors captured by Paul Stratton of Chambersburg.

Grand champion fitter honors went to Regina Lebo while Paul Stratton was declared champion showman.

The show was judged by Henry Gruber, of New Tripoli.

Other buyers were: Smith Implement Inc., Mercersburg; Richard Eby; Oliver Oil Co. of Chambersburg; Orrstown Bank; McDowell Insurance; Martin's Tire Service of Waynesboro; Meyers Implement Co., Greencastle; Nibble w/Gibble's Inc.; Hostetter's Trailers, Milroy; Lehman's Egg Service; Sunnyway foods of Greencastle & Chambersburg Farm Service; Upperman's Surge; The Cottage Restaurant, Chambersburg; Stouffer Brothers; Sollenberger's Silo; Snyders Elevator or Williamson; The Butcher Shoppe, Chambersburg; Agronomy Inc, Mercersburg; R & R Custom Butchers; Barnes Oil Co.; Agway; The First National Bank of Greencastle; Porter's Furniture Co., Shippensburg & Greencastle; Fast Gas Co., Greencastle; Carl Flohr Builders, Chambersburg; Frank Shieves; Rosenberry Meat Market, Chambersburg; Chambersburg Moose Lodge; Melrose Farm Supply; Horst meats of Maugansville; Steely Meats, Fayetteville; C.V. Diesel Service, Farmers Union Coop; and Phares Horst.

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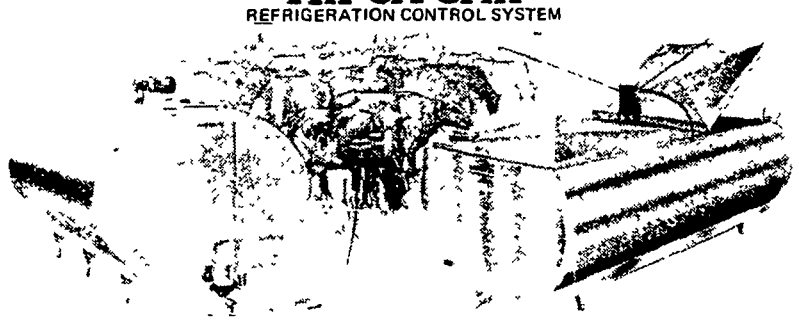

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For Sale - Large grain rye seed cleaned and in bag $9.00 per hundred, Berks Co 215-367-8179

For Sale - 3 coming 4 saddlebred horse lots of snap Elam F. Stoltzfus 210 Farmland Rd. Leola 17540

For Sale - AKC golden retriever dogs, 3 mos. old need good homes at $100.00 717-437-3348

For Sale - Pre-cast hog gang slats 6'-12' also hog farrowing slabs, reasonably priced near Bernville, PA 717-933-8695 Berks Co

Wanted - Small sawmill also shingle mill and small stone crisler 717-642-8677

For Sale - IH 7 ft mower semi-mount - drag grain elevator also hand crank seed cleaner 717-927-6364 York Co

For Sale - New 2000 lb utility trailer 5'x8' 16" sides ready for road $425 00 Blair Co 814-224-4056

For Sale - Used egg cartons $1 00 per hundred pump jack w/¼HP electric motor Levi Miller, Paradise, Pa. Vintage Rd

For Sale - 22' bale elevator w/motor $200.00, 7' cut International combine, mint condition $500.00. PTO hydraulic pump Dauphin Co 717 599-5068

For Sale - Commercial lawn & parking lot vacuum cleaner. Large capacity with 6 HP Kohler engine $650.00 301-482-6760 Caroline Co.

MAILBOX MARKET

For Sale - New Idea single row corn picker, Lanc. Co 717-354-9143

For Sale - NI 206 manure spreader, like new, $1075, NI 750 hay crimper $175, corn bin wagon $675 717-354-0266

For Sale - Labrador retriever pups, AKC, male, yellow, shots & wormed, Hunting bloodlines, $100. 717-589-7253 Perry Co.

For Sale - AKC Dachshund pups shots & wormed $100.00 Stud service mini $50.00 Turnips $1.50 ½ bu. 717-533-6646 717-838-4875 Leb. Co.

For Sale - 200 Golden comet pullet, 21 week old, starting to lay Lanc Co 717-733-6697

For Sale - 35 good Dekalb feeder pigs. Lanc. Co 215-445-4305

For Sale - MF No. 10 baler $150. Used 2 to 8 horsepower engines 40 in steel tractor wheels. 717-859-2797

For Sale - AKC collie pups ready to go 717-374-4401 Snyder Co 17827

For Sale - Bluetick coonhound, female, 2 years old, unstarted. Mountain Music bloodlines, parents both nite champions $350.00 Blair Co. 814-793-3303

Wanted - Farmall, Super A 100, 130, or 140, with cultivators, Charles Co., MD. 301-274-3521

For Sale - 1-8 ton NI spreader w/new apron chain 8-Surge milking parlor units East Berlin 717-432-9586

For Sale - 1 Harvestore roller mill, asking $1500, barely used, 717-789-4456 Perry Co. 17040

For Sale - Anderson stone picker in good condition $2500.00 Union Co. 717-922-1135

Wanted - Snow plow for Ford F250 and Christmas tree planter needed Lehigh 215-264-3025

For Sale - Rossi Saddle, 16" child's very comfortable, very good condition, stirrups and leathers included. N. Chester County, 215-647-1406

For Sale - Ear corn at $80 per ton. 607-776-4465. At 8 a.m., Bath, N Y., Steuben Co., Paul Murat

For Sale - Old Corn $80 per ton 215-932-8208 Chester Co.

For Sale - Stationary grinder/50 HP motor, 2 ton brower mixer molasses tank, call after 4 p.m 215-488-7320 Berks Co.

For Sale - 2 - 14/9/28 tractor tires on adjustable wheels 8 hole wheel will fit A/C W.D. good 717-432-4762 York Co.

Wanted - litter carrier tub & hoist or just tub Jamesway or starline. 717-687-8237 (Starline preferred)

For Sale - Why not try some Doebler seed corn for 83 None over 54.80 per bu Daniel Esh Rt 741 Strasburg East

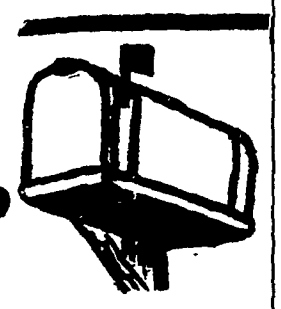
For Sale - Parts & body from 1958 White dump truck. Good chassis, engine parts, transmission, etc. 301-848-1797 after 7:00 p m

For Sale - 10 Hol heifers, put bull with them April 15, no horns Wyoming Co 717-378-2265

For Sale - MH 2 row self propelled corn picker w/PS, exc condition $2000 or trade for tractor w/loader Cumb. Co. 717-243 1198

For Sale - Pr. 4 year old Clydesdale. Belgian draft horses $2,800.00 717-665-6647 Lanc. Co.

For Sale - 765 NH grain dryer, good working cond $1400.00 PTO NH manure spreader with new floor. Bucks Co. 215-257-2377



FREE

Subscribers to Lancaster Farming will receive one advertisement FREE each month in our Mail Box Market Subscribers using the Mail Box Market will be governed by the following rules:

Limit your advertisement to 20 words, area code must be added to phone number and, due to repeated requests, please include your county for buyer and seller convenience, all advertisements must be mailed to the office by Tuesday or same will be held over for next week's paper: no business advertisements accepted.

Include your Lancaster Farming mailing label and mail to.

Mail Box Market
Lancaster Farming
P.O. Box 366
Lititz, PA 17543

No Phone
Calls Please

MAILBOX MARKET

For Sale - New Holland 38 crop chopper, 6 ft. cut like new $3200 Lehigh Co 215-767-6048

For Sale - 325 gallon USS Liquid feed tank 2 nylon wheels, good $85.00 Lanc 717-653-4598

Wanted - new or used bricks to fit in a Majestic coal range, John Smoker 560 Houtztown Rd Myerstown, Pa. 17067

For Sale - 3 yr. old standardbred gelding buggy horse well broke, traffic safe, John M. Esh Myerstown R#2 17067, Pa

For Sale - Airblast sprayer for vegetable crops. 3 pt. hitch 50 gal. capacity excellent condition. $750. Montgomery County 215-279-5569

Wanted to buy - '72 to '76 Dodge Power wagon, 200 or ¾ ton, lockout hubs, mechanically good, body fair 717-665-5727

For Sale - Holstein heifer calf - pure bred, no papers, out of excellent dam weighing approximately 1500 lb, $175.00 Chester Co 215-383-0581

For Sale - 450 BD FT cherry boards 1-1/8. 44 pcs. low corrigation 26" x 10-0 Galvanized new, 717-545-9971 after 5 p.m Dauphin Co

For Sale - Farmall H tractor $600.00. 2 yr. old male Bluetick coonhound started. Toggenburg breeding service. Berks Co 717-865-3366

For Sale - 10' JD chisel plow, stationary MM corn sheller, R. Otto, RD6 Box 115 Carlisle, Pa. 17013

For Sale - Angus bulls $700.00 plus Registration by Bon-view connecton & MSH Block Revolution 165 Flail chopper Berks Co. 215-926-4388

For Sale - 6 ft scraper blade, pulley for 77 Oliver, hand pump & cylinder, walnut lumber, York Co. 717-432-5047.

For Sale - Oliver 70 industrial loader $900, also John Deere Model 50 backhoe attachment good condition $1200. Cumb. Co. 717-249-7779

For Sale - New 6"x25' Mayrath auger $295.00, 7' AC combine w/bin $495.00, Farmall H, WFE excellent $1300.00. Columbia Co. 717-437-2282

MAILBOX MARKET

For Sale - 8 Hereford feeder steers, 650-750 lbs. Black Karakul Ram born 3/10/82. 1980 Kawasaki KX-80 Southern Lebanon County 717-949-3443

For Sale - JD baler, JD rake, JD mower, JD corn picker, bale wagon Balto. Co 201-592-6485

For Sale - AC #33 2 row mtd. corn picker, good shape, price nego. Centre County. 814-422-8478

For Sale - Cast iron hot water radiator 40"Lx26"Hx6"D Chester Co. 215-363-0569

For Sale - GMC ½T step side 1967 pickup- V6 engine, good condition. Cargo bed excellent, Mercer County, NJ 609-466-2273

For Sale - 3 pt. hook-up York rate, G.E. gas furnace, Lowther tree planter, 10'x24' chicken house. Lanc. Co. 717-872-5510

For Sale - 1 Row 1 PR cornpicker $400.00, 1 Amish Market Buggy $650.00 215-536-1396 Bucks Co.

For Sale - Old 2 hole corn sheller, 6 volt generator fits Farmall B Lancaster Co 717-656-9734

For Sale - Cornpicker NI 323, in good shape, field ready, $2375.00 Lancaster Co. 717-354-7869

Apples for Sale - Red and Yellow Delicious, McIntosh, Cortland, and Rome Beauty. Good size and color, low prices, also, pick your own cider apples for $2.00 per bushel. Columbia Co. 717-672-2638

For Sale - 2 P205/75R14 steel belted snows on 14" ply. wheels $60.00 (2) 14" rims fit B.O P. $5.00. 717-684-0777 Lanc. Co.

For Sale - "VAC-FORM" Machine to make magnetic signs. Complete - large quantity letters & supplies. Like new! Lanc. Co. 717-548-2559.

For Sale - Quit Farming - Steel wheel equipment, hay rake, two bt. plow, wagon, JD #5 cycle bar, York Co. 717-252-1008

For Sale - Stalk shredder for JD 14T or 24T baler; also IHC 3-disc plow, pull-type, York Co. 717-235-4026

For Sale - or loan for breeding services Cheviot Ram B.K. Fisher, Ronks, PA. 17572 Lanc. Co

For Sale - Yellow Jersey sweet potatoes, red, yellow, delicious and winesap apples, honey, Stanley Greiner 717-665-4641

For Sale - One heifer due Nov, $900. Jospeh B. Esh Atglen #1 Pa Box 156 19310

Wanted - Casting between engine & transmission for JD 1010 crawler 717-354-7209

For Sale - Antique McCormick Deering 10-20, good running condition. Call after 5.30 717-789-3394.

For Sale - NI 325 cornpicker, good condition, $6100 firm, Leb. Co. 717-949-3529

For Sale - Fully restored 80 yr. old Andes Cookstove. Warming oven, wood grates, renickled. $895.00 10-8 weekdays. York Co. 717-755-2333

For Sale - Wooden storm door with screen and window insert - 31½"x79¼" x 1-1/8" Exc. condition $25. Lanc. Co. 717-626-1467 after. 5 p.m.

For Sale - U-shaped feed bunkers (1) 14' (2) 18' $100.00 JD LA 2 way plow, cultivators, no motor $225.00. Bucks Co. 215-257-6276

For Sale or Trade 1962 Mack N-42 truck 14' grain body for gravity grain wagon Schuylkill Co. 717-467-2039

MAILBOX MARKET

For Sale - 18 bu titan from certified seed cleaned & treated 717 733 6319

For Sale - Solid concrete pipe, 80 of 12' at $2 50 per foot and 180' of 10 at $1 50 per foot Berks Co 717-933 8541

Wanted For parts, Sears lightweight chainsaw 20' bar For Sale hot air furnace (oil) Berks Co 215-777-4579

For Sale 5 yr old driving or riding pony, stands 50" traffic safe and ready to go 717 656 9565

For Sale Cleaned homegrown rye seed, $5 bu. Lanc Co 717 354-0246

Notice For Rent 2 1600 bushel corn cribs w/large air ducts at $4 per bushel 2 miles N of Lititz 717-626-6055

For Sale 2 bu Redcoat seed wheat Hoffman's certified seed 7 75 a bu 717-733-8269

For Sale AKC Irish Setter pups & purebred German pups 717-626-6516

For Sale - Driving horse, brown with white feet, lots of snap $700 neg Berks Co 215 683-3094

For Sale 2 good teams for woods or farm also pair strawberry roan fillies, well matched half sisters Tioga Co 717 659 5297

For Sale MH tractor 33 engine overhauled, with cultivator new paint job 3 pt hook up Amy Kanocle Elizabethtown, PA RD#2 17022

For Sale 16 new 31'8" Trusses $28 ea Also new 2"x6" lumber various lengths 28 cents per ft 717-354 5853

For Sale - Jersey family cow $395 case 1537 unloader Lanc Co 717 733 0575

For Sale - AVI Petter diesel needs some work. Also cast iron radiators Lancaster Co. 717-733-0630

For Sale - NH elevator, V-snow plows, IH 8'3 pt. disc; flat bed wagon, angle snow plows, Schuylkill Co. 717-345-4882

Wanted - Platform scales and 2 tobacco bale boxes Amos K. Lapp 100 Conner Rd. Oxford, Pa. 19363

For Sale - Antique 60 gal. butcher kettle stove made by W.H. Landres Co. good shape clean $250.00 Lehigh Co. 215-967-3957

For Sale - German Shepherd puppies, $10 each; live or dressed turkeys for the holidays; Ingersoll-Rand air compressor Lanc. Co. 717-626-5469

For Sale - Collie, female, registered 2 yrs. sable & white, $125.00. Ph. 717-626-7680 after 6 p.m. Lanc. Co.

For sale - Snow blower for JD 110, 112, like new. Asking $250.00. Wanted Snow blade for CJ-5 jeep, Lebanon 717-865-5012

For Sale - C#2 Gleaner Combine 13' Grain head, cab field ready $5000.00, Ford 9N tractor new paint Dauphin Co., Pa. 717-566-2872

For Sale - Ford 3100 diesel tractor W/F low hours, excellent cond Live PTO - 3 point hitch - $4500.00 Chester Co. 215-644-3535

For Sale - 1972 Ford Pinto, 2000CC automatic, new radials one owner, good condition $750.00 or best offer 215-445-5394

For Sale - Rear wheel weights to fit International tractor $100.00 Heavy duty tire chains to fit 8:25x20 duals $125.00. 717-624-8931

For Sale - 250 Savage Lever Action, asking $225 00 Lanc. Co 717-529-2678

For Sale - 8 Ft. Pinnacle meat case with compressor, excellent condition, Lanc. Co. 717-653-4285 or 717 653-5436

MAILBOX MARKET

For Sale New Berkline wallaway recliner Two tone brown-tan early American style Used homemade 5 pieces Amish Carpet 717 768 3743

For Sale 9 sows 1 boar 3 gilts ready to breed all breed - lost lease Berks Co 717 933-5250

For Sale Ear corn or shelled corn will consider trade for bred beef cows Centre Co. 814-364 9926

Wanted - MH Pony tractor and equipment 814-364 9333, 814-238-4957 Centre Co

For Sale - AC WD Tractor AC side mount mower AC belt blower very good Berks Co 215-562-7151

Wanted - Museum wants to buy Authentic copper still, old carpenter tools 717-243-3607 between 5 p.m. and 7 p.m. Cumberland Co.

For Sale - 9-6 month old feeders, 9 cross beef cows due April. Susq Co. 717 434-2686

For Sale Columbia cookstove with copper water tank, good cond. $300 Lanc Co 717-284 4449

For Sale - JD 4440 tractor w/duals 425 hrs, also 2440 or trade for 4840 tractor. Adams Co 717-334-1824

For Sale - Manure spreaders NI 205 Hydraulic chute NH and Starline Hail tank Somerset Co 814-467 8839

For Sale - 14" hammermill, 2½ ton feed mixer, molasses blender w/pump Levi S King, 562 Houtztown Road, Myerstown, PA 17067

For Sale - overhead door 14 ft. wide 8 ft high Exc cond Northumberland Co. After 6 p.m. 717-286-6060

Wanted Four good truck tires size 8 75x16 5 mud traction trend Lanc. Co 717-665-5747

For Sale - 1972 LN 900 477 Gas Eng. 5x2 PTO & wet tank good cond. asking $2600 717-567-6846

For Sale - 1977 Honda Civic one owner, exc. cond new inspection, winter tires, ready to go. Perry Co 717-789-3733

For Sale - 78 Chevy Blazer 30,000 mi reg gas, PS, PB, AT, full time 4 wheel drive Cumb Co 717-776-6470

Wanted - Belt driven corn sheller call after 5 p.m. Perry Co. 717-438-3563

For Sale used silo unloader at exc. price, also new silo unloader at dealer's price Union Co 717-966-3264

For Sale - Oliver 60 tractor, repair or parts $125 includes speedometer and cultivators. Bucks Co. Eves. after 6 p.m 215-348-0649

For Sale - Registered ½ Arab Gray Gelding 12 yrs well trained good mover $1300 neg 717-872-5967

For Sale - Sweet potatoes $3 a basket also very tame smooth mouth work mare in foal John W Hoover Bowmansville PA

For Sale 1967 Chevy pick-up truck 8 ft bed 283 motor best offer Lanc. Co. 717-665-6666

For Sale - MF 130 bushel manure spreader PTO in good shape, one sheep buck 3 yrs. old Lanc. Co 717-733-4583

For Sale - JD 4030 diesel 548 original hours four bottom IHC Moldboard plow 717-272-3880 after 6 p.m.

For Sale 69 GMC with 18' Morgan Van Body 30,000 GVW good cond. make offer. Lanc Co. 717 684-8330 or 684-3496

For Sale Oliver Radex trailer plow AC plow disk harrow cultipacker 3 pt saw Buck 3 pt. cult 717 786-3618

MAILBOX MARKET

For Sale 40' x20' corn crib, metal feed bin used roof tin, Cardinal elevator, call after 4 p.m Berks Co 215-488 7320

For Sale Caterpillar 15, running $875 York Co 717 244-3415

For Sale JD 10' offset Disc harrow hydraulic controlled good cond York Co. 717-244-4676

For Sale - 6 black white face feeder steers 750 lb Jacob S Blank, RD 2 Narvon, PA 17555, two miles northeast White Horse on Blank Road

For Sale - Glenwood model 950A wood burning boiler Exc. cond 1 year old Lanc Co 717-284-3105

For Sale - Black Columbian range $600 2-door Servel refrigerator $350 David G King, Kinzers Pa Box 285 Mine Rd. 17535

For Sale - used market wagon Fair cond wheels and fiberglass shafts, Bennie B King, RD 1 Box 329 Noble Rd., Kirkwood, PA 17536

For Sale - 46 Sq Alum Siding gold double four textured 20 square Avocado green double four textured $40 a square call Ken after 6 00 717-273-0218

For Sale - Corn drag, good cond asking $155 Lanc. Co 717-786-7143

For Sale - A.D.G.A. Nubian goats Pedigrees include Nation's top ten producers, show champions. Loveable 4-H projects. Breeding service $25. 717-334-7993 Gettysburg

For Sale - 1971 camper needs work or can be made into a trailer $400 or best offer Lanc Co 717-872-8553

For Sale - AKC English Springer Spaniel pups 6 weeks on 11/15. Elvin Hess, Conestoga, PA (Lancaster Co.) 717 872-5522

For Sale - JD 4430, JD 4020; Int. 130, Int. A Stainless steel bulk tanks - w/6 cooling 717-477-2611 after six Luz. Co

For Sale - IH 986 w/cab etc 200 hrs., IH 720 5B Auto Reset, JD #210 12' disc, Montg Co 215-584-5168

For Sale - 1963 Ford F-600 Cab and Chassie, 21,000 gvw 4x2 6 cyl. Chester Co 215-384-4386

For Sale - AC 80 inch material bucket like new, 3 pt 2 row JD-cultivator like new, Lanc Co 215-267-7883

For Sale - McCormick U-348 Frontend loader. Hyd bucket with forks Exc. Cond. $750 Mont Co., 215-234-8376

Wanted - Case 310 crawler loader truck & belly pan or whole tractor for parts Chester Co. 215-869-2001

For Sale NI 2 row, narrow head, 325 corn picker. Exc. cond. twelve roll husking bed. Best offer call 717-284-2448

For Sale - JD 680 Manure Spreader with hyd. end gate. 400 bu. capacity like new Lanc. Co. 717-548-3116

For Sale - 30-30 Winchester Model 94 Exc. cond. $130 Lanc Co 215-455-4898

For Sale 3 overhead wood garage doors 8 wide & 7 high good cond. $60 ea Chester Co 215-269-3442

For Sale Heavily constructed wooden crates 33x36x36 deep inside measurement $8 ea Berks Co 215-689-5471

For Sale - 3 reg. cows & 1 heifer due Oct. 31 $1200 ea. or best offer Lanc. Co 717 464 2933

For Sale - 3 Ton feed bin w/divider, auto chicken feeder, waterers, gas brooders, fans, 717-865-3025 Leb Co after 6 p m

MAILBOX MARKET

For Sale antique brass glass doors fireplace enclosure $100 or best offer also room dehumidifier $65 Lanc Co 215 445 6357

For Sale - Clay milking parlor door opener, never used $50 hand made bisque dolls good Christmas gifts $50 York Co 717-382-4120

For Sale - JD 237 mtd cornpicker multi lube and stalk ejector JD H350 5 bot auto reset York Co. 717-862-3833

For Sale - Colorado Blue Spruce Trees 24" to 30" at $6 ea. Luzerne Co 1-717-788-1891 call after 5 p.m daily

For Sale - 2 row Ford mounted corn picker on late 5000 67 horse power will sell picker separate. Adams Co 717-528-4169

Notice - Will Andrew Harter of New Jersey who bought my small bulk milk tank call me at 215-445-5720 Lanc Co.

For Sale - 400 5 lb. yearling chickens $1.10 each Daniel B. Smucker, RD #1, 424 A. Peters Rd Gordonville, PA 17529

For Sale - Carriage in exc. cond very low mileage 12v system Glick's Buggy Shop 421 Gridley Rd. Lanc PA 17602

For Sale - Sweet potatoes - wholesale or retail. Lanc Co David R Miller 41 West Eby Rd. Leola Pa. 17540

For Sale - 10'x60' Aermotor windmill Lanc Co. call after 6 p.m. 717-354-5554

MAILBOX MARKET

Notice - Unemployed must sell 12 yr 16h Chestnut TN Stallion, 9 yr 15 lb bay TB=QH mare Adams Co. 717 359-5010

For Sale - 1½ yr old reg purebred Simmental bull Nice good growthy bull for upgrading Reasonable York Co Call 717-225 6146

For Sale - 8" auger 20 ft long Wanted - large corndrag Israel S Beiler RD#1 Box 117, Christiana, PA 17509

For Sale - Nice Fox Terrior pups J.K King 1 mi N Georgetown 896

For Sale - Oliver 348, 3 bottom plow $1500, Brillion 16' cultipacker with 18" packers $1200 Lanc 717-653-8703

For Sale - 30 choice feeder pigs Lanc. Co 717-354-8238

For Sale - Reg App Mare, App Gelding & App Mare all quiet for anyone, good kids ponies Perry Co. 717-567-9773

For Sale - 1886 Oak Washstand, perfect cond. Singer tredle sewing machine, mens brown leather coat, size 44 Berks Co 717-933-5478

For Sale - NI five wheel rake exc cond. $600 Berks Co. (717) 933-4656

For Sale - 1000 gal. heating oil tank $500 or best offer Berks Co 215-689-9330

For Sale - '82 Toyota ¾ ton stake body 7500 miles $6,900 68 Ford LTD runs good $500 Berks Co 215-856-7206

Lancaster Farming
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REAL ESTATE

SALE OF FARM BY THE UNITED STATES GOVERNMENT CONSISTING of 28 acres, 18 cropland, 2 pasture, 5 woodland, 3 farmstead and roads, 1 farrowing house, 1 pole barn, 1 bank barn and a 2 story frame house. There is also a farm pond on the property. This farm was formerly owned by Curtis R. Garl and Rayfield Scalese with its location in the Township of Ruscombmanor, County of Berks, Commonwealth of PA; ½ mile East of Pricetown on LR 06113. BID DEPOSIT: The bid must be accompanied by cash (sent at bidder's risk), certified check, cashier's check, postal money order, bank money order or personal check, payable to the Treasurer of the United for at least 5% of the total bid. RATES AND TERMS: Cash or terms of not less than 5% down payment with the remaining balance amortized over a period not to exceed 25 years at 14.25% interest. TERMS OF SALE: If interested, contact County Supervisor, Farmers Home Administration, R.D. #1, Leesport, PA 19533. Sealed bids are invited and will be accepted until 12:30 P.M. EDST, November 24, 1982 at the Farmers Home Administration, R.D. #1, Leesport, PA and will be opened publicly at 1:30 P.M. EDST that date and place. The Government reserves the right to reject any or all bids. The farm will be sold without regard to race, religion, sex, age, national origin or marital status. Further information and bid forms may be obtained at the Farmers Home Administration, R.D. #1, Leesport, PA 19533, telephone number 215-372-4686

#986 55 acre Gentleman's farm, has beautiful circa 1840 stone Colonial w/open beam ceilings, fireplaces, chair rail, 4 bedrooms, 3 baths, plus 2 stone barns and numberous additional stone outbuildings, $175,000. Brumbach Assoc., Inc. 1-215-326-2222. 1-215-689-5796 after 7 p.m.

Pa. 330 Acre Dairy. Two silos, four houses, 54 large freedom tie stalls, dairy equipment. Verticle elevator. Added 28x60 loafing shed. Heifer barn, 40x60 machine shed, 9600 bu. corn storage. Appraised at $395,630. Machinery, cattle available. Owner financing. 814-856-2335

York County 18+ acres along Route 116 near Hanover. Large brick home in need of modernization 35x65 bank barn, other outbuildings approximately 12 acres tillable, only $80,000. Anchor Realty 717-225-3643

EASTERN-CENTRAL NEW YORK: #SH-920 - 550 acres level Honeoye soil, new free stall for 150 head, Double Six Boumatic Parlor, 3 Harvestores, machinery, cattle; beautiful remodeled home, tenant house; generous financing, $1,000,000 ... #SH-9015 - 216 acre valley farm, 62 tile stalls, silo, 2 homes; just reduced to $275,000. CENTURY 21 T.L. Wright Realty, 30 Main Street, Cobleskill, NY 12043 Ray Murray, Farm Sales Specialist - 518-234-3501

BAUGHMAN REALTORS - 23.9 acres, ½ wooded, stream, Fawn Twp. 717/741-4671. (204095) or 717/862-3869

Sale by Owner - Berks, Hawk Mountain area, 100 acre ± operating dairy. 20x60 Harvestore, other silos, 42 stanchion barn with 1979 pipeline milker. Brick home, new kitchen. Other outbuildings, approx. one mile road frontage. Serious inquiries only. 215-756-6479

REAL ESTATE

For Sale - Farm 115 acres, 100 acres tillable, 3 bedroom brick house, living room, dining room, den, kitchen, parable 8¾% financing. Northumberland Co. 6 miles east of Sunbury, Pa. $135,000.00 717-286-0332

For Sale - by owner, 4 bedroom house near Lititz on ¾ acre lot, Full finished basement, wood stove, solar water heater and wood shed. Asking $62,500 assumable 12.5% farm credit mortgage. Phone 717-626-5183

For rent - 71 acre farm, lg. 4 bedroom house, completely private, must farm with horses or mules, maintain family garden for own use, spring, rent $1 per year. Location-Amish Homestead, 2034 Linc. Hwy. East, Lanc. PA 17602 Contact R.M. Flory.

SALE OF FARM BY THE UNITED STATES GOVERNMENT. CONSISTING of 22.5 acres; 8 cropland, 11 pasture land, 3.5 farmstead and roads, 1 bank barn, farrowing house (constructed in 1980), and a two story farm home. There is also a farm pond on the property. This farm was formerly owned by Jerry L. and Doris J. Myer with its location being in the Township of Tulpehocken, County of Berks, State of PA; 1 mile west of Rehrersburg of Township Road T672. BID DEPOSIT: The bid must be accompanied by cash (sent at bidder's risk), certified check, cashier's check, postal money order, bank money order or personal check, payable to the Treasurer of the United States for at least 5% of the total bid. RATES AND TERMS: Cash or terms of not less than 5% down payment with the remaining balance amortized over a period not to exceed 25 years at 14.25% interest. TERMS OF SALE: If interested, contact County Supervisor, Farmers Home Administration, R.D. #1, Leesport, PA 19533. Sealed bids are invited and will be accepted until 9:00 A.M. EDST, November 24, 1982 at the Farmers Home Administration, R.D. #1, Leesport, PA and will be opened publicly at 10:00 A.M. EDST that date and place. The Government reserves the right to reject any or all bids. The farm be sold without regard to race, religion, sex, age, national origin or marital status. Further information and bid forms may be obtained at the Farmers Home Administration, R.D. #1, Leesport, PA 19533, telephone number 215-372-4686

Wanted to lease, purchase, operating dairy farm, Lancaster Farming, PO Box 366, D-17 Lititz, PA 17543

BACK-TO-THE-FARM SPECIAL ... 211-acre N.Y. stock farm comes with tractor, baler, other machinery included. About 55 acres tillable, 60 pasture, trout stream, woods. Quality 4 bedroom, 2 bath, ranch home. 27x90 pole barn, 20x70 feed bunk. Reduced to $80,000, excellent owner financing.

NICE 207-acre N.Y. beef-horse farm in Finger Lakes area. 140 acres tillable, mostly in hay. 6 bedroom home, 36x80 barn. $125,000, LOW down payment, long-term owner financing.

UNITED FARM AGENCY, P.O. Box 7891-LF Lyell Station, Rochester, NY 14606. Ph. Toll-Free: 1-800-821-2599

BAUGHMAN REALTORS-MODERN HOG OPERATION! FARMER MUST SELL! 69 acres, level, includes fabulous 4 BR farm house, call for details. 717/741-4671 (200598) or 717/862-3869

REAL ESTATE

For Rent - Reasonable 100 acre fertile farm, presently in corn and grass w/home, barn and out buildings within Amish area, Sugar Valley, Clinton Co., Call Mr. Rell 717-745-7200 or 717-398-1234.

For Sale - 207 acre farm with or without cattle and machinery. Barn, two car garage, sm. tool shed, 2 story house, exc. hunting. Located 6 mi. from three different towns on good county road. For more info. call 607-478-8104 or write Robert Goodrich, RD 1, Andover, NY 14806.

Gettysburg area 148 acre prime general farm with pond, stream and excell, pre-civil war home. $215,000, owner financing available. Century 21 Neighborhood Realty, Karin Miller, agent 717-334-8435

Real Estate New York State near (Clyde) 100 acre farm, good house, 75 tillable could be dairy $100,000.00. 86 acre farm 10 room house (needs work), trailer set up, 40 acres choice fruit 40 tillable, excellent barns, farm equipment, owner finance $75,000.00. Ron Vitticore Broker 315-923-4201 after 7 p.m.

293 acre, 200 tillable dairy farm, new improvements. Ready to start milking. Kent County Del. James Spray, Rt. 1 Box 1290 Clayton Del. 302-653-7586

For Sale - 63 acre limestone soil farm with 4 bedroom 2 story bungalow home, 2 story barn with new milk house, 40x42 shed and other buildings located near Limestonville, Montour County, Pa. Phone 717-437-2247

Farm for sale - Southern Somerset Co. - 211 acres, brick house and barn. 814-634-5633 or 814-634-8459.

J2245 - Dairy Farm consisting of 235 acres (175 tillable). 75 stanchion barn. 4 silos (1 Harvestore), 50'x50' heifer barn, 50'x30' machinery shed, new 3 or 4 bedroom ranch house. Financing available. $200,000. Farm list available on request. CENTURY 21 COUNTRYSIDE REALTY, 13332. 315-691-2071. Laura DuBois, Broker

BAUGHMAN REALTORS - Barns only +146 acres of good farm land and woods, call for details. 717/741-4671 (202167) or 717/862-3869

Approx. 65 acres w/stream, joins state lands, 20 acres of open ground, rest timber, one building 100x40 w/additional 40x40 building added on. 717-922-1437 evenings. Union County.

Inexpensive Farmette - If you want a small chicken or hog raising operation, this 10 acre property may fit the bill. Nice Dauphin Co. property with ranch house, priced for quick sale at $56,900. Call Dick Winey for private showing 717-653-8127 or 367-8508

FREE CATALOG! Describing numerous Pennsylvania farms, camps, acreage tracts, cottages, homes and businesses. Write Dept. LF, WEST REAL ESTATE AGENCY INC., 5528 William Flynn Highway, Gibsonia, PA 15044 -

BAUGHMAN REALTORS - 31.4 acres with 2400' frontage along Muddy Creek, mostly wooded, owner financing. 717/741-4671 (201785) or 717/862-3869

REAL ESTATE

50 acre farm for sale within Mennonite area. 25 acres in rye, rest could be farmed. Robert Hopkins, owner. Penn Yan, NY 315-536-8092

94 acre hog and tobacco farm in Lancaster Co. Facilities include 100 sow farrow wing unit and tobacco scaffolding for 10 acres of tobacco. Property includes large bank barn, stone dwelling and 85 tillable acres in a high state of cultivation. Financing available. Ask for the Lancaster branch manager, 1-717-291-1855

For Sale by owner. 126 acre dairy farm in Franklin Co. Contact Ben Peachey 10139 Church Hill Road Mercersburg, PA

For Sale - 90 acre farm in Oxford. Owner financing Apply to Benuel Fisher RD 2, New Holland PA 17557

Hog farm - nice level 185 acre farm, 9 room home, 30x84 farrowing house w/pit and 30 farrowing stalls, 45x65 barn w/26 farrowing stalls, 50x105 finishing house w/pit, 30,000 bu. grain storage, 40,000 lb. truck scales, many other extras. Huntingdon Co. Price $220,000. 814-447-3725

Want to rent 25-50 tillable acres w/good buildings in York, Baltimore or Carroll County. Reply to Lancaster Farming, PO Box 366, D14 Lititz, PA 17543

Farm for Sale - 60 tillable, 117 acres of river frontage on Susquehanna, large pond, large brick home, 4 bedrooms, 4 story barn, along 115 in Snyder Co. 717-286-9206

REAL ESTATE

Central New York State, Madison County beauty, 415 acres, 30 minutes south of Syracuse, $320,000 by owner. Owner Financing. 315-662-7958

NO MONEY DOWN!

24 acres, level, all tillable land, long road frontage, paved road, electric, beautiful views in all directions. Perfect farmland, homesite, investment. $30,000. Owner financing. George H. Zerebak Realty, Rte. 370, Lakewood, PA 18439 (717) 798-2113.

Juniata Co. farm for sale located in village of Evendale. Large house and barn and other buildings on 5 acres. 38 additional acres available 717-694-3412 or 694-3317.

Approximately 250 acres of good fertilized farm land for long term rent, near New Kingstown, Silver Springs Twp., Cumberland Co., no equipment supplied, write Lancaster Farming, PO Box 366 D-13, Lititz, PA 17543.

For Sale - 60 acre apple orchard, cold storage packing equipment, shop 100' by 40' barn. New York State, Wyoming Co. 716-237-5727.

25 FARMS in SE Minnesota and West Central Wisconsin, all sizes, from 10 to 870 acres, of dairy, hog, beef and cropland. Good contracts. Largest farm Rltr. Erwin P. Richter Realty, 174 Main, Winona, Minnesota 55987 507-452-1550

REAL ESTATE

Farm 100 acres Harford County. 64 acres corn, pasture, stream, pond, new pole barn. Very good 4 bedroom house. 10% owner financing. Will divide. P.O. Box 167 New Park, Pa. 17352

Wanted to Rent - Farm land for fall. PO Box 17 Lemoyne, PA 17043

Wanted to rent - small dairy farm in Lancaster, Lebanon Co. area, young Mennonite couple. Call 215-286-6574

For Rent 120 acre dairy farm, silt loam soil, approx. 20 miles from PA turnpike exits 13 or 14. Write Lancaster Farming PO Box 366 D15 Lititz, PA 17543

BAUGHMAN REALTORS - 45 acre Amish farm, hogs, beef, tobacco, 38 acres tillable, 7 pasture acres w/spring, 4 BR house. 717/741-4671 (201858) or 717/862-3869

REAL ESTATE

Dairy farm for sale or rent - 110 acres, 1 wire corn crib 2250 bu. size, Shirley Twp., Huntingdon Co., PA. PO Box 22, Shirleysburg, PA 17260 814-447-3203

16 acre farmette, 2 story 60x50' log barn, concrete bottom, water and elec. with outbuildings, 2 story house, good roof, asbestos siding, storm windows and doors, oil hot water heat, 150' drilled well. Call 717-922-4161

Approx. 110 acres of top producing limestone farm land in Bedford Co. along Township Hard Road. Owner keeping building and meadows. Close to public and Mennonite schools. 814-793-3938 evenings.

Farm - 50 acres, Airville, PA, 40 tillable, woods, stream, pasture, charming, Victorian home in excellent condition, barn, outbuildings, pond, frontage on three roads, owners sale, assumable mortgage, $137,000. 301-557-9248

FARMS, FARMETTES, LAND

Exclusive Listings throughout Central PA

- 19 Operating Farms - Blair, Centre, Clinton, Huntingdon, Lycoming, Northumberland, Montour, Mifflin, Somerset Counties.
- 9 - Farmettes - Centre, Clinton & Huntingdon Counties
- 30 Rural Land & Cabin Listings

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Fred Strouse (814) 364-1705 (Lewisburg) Larry W. Platt (717) 568-5563
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Mel Rockey (814) 466-6688 (Huntingdon) Rachel Port (814) 669-4194

KISSINGER LEONARD & ASSOCIATES Realtors

Frederick J. Kissinger, Realtor
William H. Leonard, Realtor
245 S. Allen St.,
State College, PA 16801
(814) 234-4000

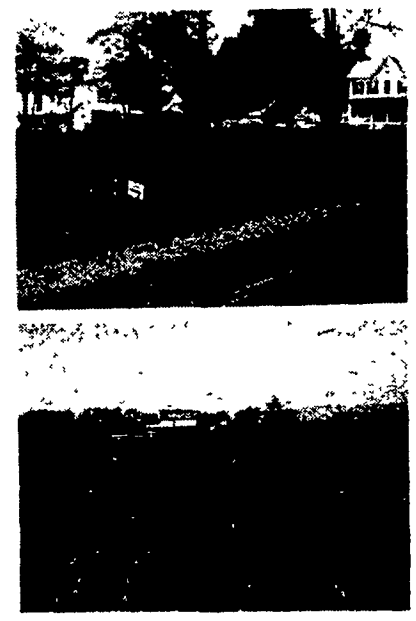
YORK COUNTY

78 acres of rich farmland and pastures along Rt. 234 between East Berlin and York, PA. 2 springs flow through property. Large frame with asbestos 4 bedroom farmhouse, lg. bank barn, hog pen, chicken house, corn barn, workshop and 2 car garage, $200,000.

Sheaffer & Assoc. Real Estate
250 York Street
Hanover, PA 17331
717-632-2300

CUMBERLAND COUNTY FARM

Southampton Twp. approx. 1 mile south of Shippensburg, 188 acres, 176 tillable



Modern 4 BR dwelling, featuring Kitchen, Living room, Dining room, den, and utility room. Large bank barn, grain dryer, implement and storage sheds. The soil on this farm consists mainly of Duffield Silt loam 80 B2 and 80 C2 rated from 100 to 120 Bushels of corn per acre, and Murrill 90 B2 also rated 120 Bushels per acre. These are USDA conservation service ratings, call today for complete details

CHRISTIAN M. MOSEMANN
Real Estate Broker
734 Main Street, Akron, PA 17501
717-859-1004 With 24 hour service
or Paul Z. Musser 717-733-8107
or Paul Smith 717-933-8156

New Listing

#1 100 acre level productive farm with large creek on perimeter. 80 t.a. w/huge L-shaped bank barn - corn barn - good milk house and silo. 3 bedroom brick house with bath and nice kitchen. Never failing spring runs through house. Also: large 3 bedroom frame tenant house. This could be a beautiful dairy farm for much less than the average. Call Mahlon today!

#2 220 acre broiler and beef farm near Middletown - can be subdivided into small farms. Call Mahlon.

#3 1200 hog Nebraska setup on 45 acres, like new w/grain dryer & 40 ton Mixmill, Also: bank barn & 2 story 3 bedroom frame house. Call Harlan.

#4 3 Gentlemen Estates
A. 13 acres with ranch style house, in very good condition.
B. 37 acres with rancher & stream in backyard.
C. 24 acres with very good 2 story brick 5 bedroom house and stream, 11 t.a.
Call Sylvester

#5 Very nice dairy setup just west of Ephrata. Reason for selling: "8 boys"-needs larger operation. This farm has 3 silos, heifer barn, 4 car garage, frame house, new well & manure lagoon. Everything you need for a good dairy.

#6 192 acre dairy in Bradford County. Call Irvin.

#7 Large beef & broiler facilities near Manheim. Call Mahlon.

Remember, there are many other farms too numerous to mention. Call for details.

FARM & HOME REAL ESTATE
Smoketown, PA
717-291-2270

Sylvester Baum	Harlan Keener	Mahlon Oberholtzer
Carlisle	Willow Street	Lancaster
717-776-3967	717-464-2669	717-392-1177

Broker-J. Irvin Denlinger
717-898-8962

REAL ESTATE

BAUGHMAN REALTORS - 30 acres w/farm house in grove-like setting, offering 4 rental units making this a very special buy! Call now for details. 12 acres tillable. 717/741-4671 (202827) or 717/862-3869

2 Farms consisting of 120 acres of very fertile land, 2 sets of buildings for sale by the owner, John Strawbridge, 301-996-2022.

If you're looking for a farm, land or have any other real estate needs, you'll find what you want in the Real Estate classifieds. 717-394-3047 or 717-626-1164.

Tioga County 65 acre farm with stream, barn, new slaughter house. Ranch style home with 3 bedrooms, 1½ baths, 2 car garage. 717-724-3768. Call 717-724-3853. evenings and weekends.

For Sale - 3 bedroom house and grocery store with snack bar, country setting, North Lancaster Co. For further information write 305 Lexington Rd., Lititz, PA 17543 or call 717-626-2995

Huntingdon Co. 168 acre crop and beef farm, 100 acres tillable, good soil, well fertilized, 3 bedroom farmhouse, alum. siding, tenant house, lg. bank barn, river frontage, immediate occupancy, under $1,000 an acre. 814-643-4446 eve. .

Greenhouses, set up for hydroponic vegetable production. 7,800 square feet. Fall crop now in progress. Ranch home on 11.9 acres meadow, stream on property. All for $155,000. 215-384-1157

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List 100's of Dairies, Farms, Businesses and Recreational Property.
FREE - Call or Write Today!
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New York Dairy Farm
212 acres, automated stanchion barn, Harvestore silos, beautiful remodeled home and storage sheds - terms available. Many other parcels to choose from.
CENTURY 21
Cronin Realty
Dundee, New York
607-243-7724
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REAL ESTATE

SHEETZ REAL ESTATE
RAY N. WILEY INC.
323 W. Main St.
Mount Joy, PA
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FARM LISTINGS NEEDED
Farm Salesman - Eugene Kreider

FARM FOR SALE

125 acre dairy farm along Middle Creek in Snyder County. Hagerstown and Washington silt loam soil, 36 cow stanchion barn, room for expansion, pipeline, bulk tank, gutter cleaner, silo, machinery shed, corn cribs included. House recently remodeled. Owner financing available.

717-658-4173

SHENANDOAH VALLEY, VA.
A Gem in the Rough - 390 beautiful acres of pasture, farm land (including some bottom land) and timber land. Priced under $775 per acre including two houses. For more information write or call:
A.J. MILLIGAN REALTY, INC.
314 N. Main St.
Bridgewater, Va. 22812
703-828-2623 days
703-828-2469 nights

York and Adams Counties Farms:
- 110 Acre good general farm with brick house and all conveniences, bank barn and other outbuildings. $190,000
- 90 Acre farm with stone house. $155,000
- 151 Acre farm with stone house, bank barn, large implement shed. $250,000
- 85 Acre farm with stone house, bank barn and other bldgs. $165,000
- 177 Acre farm with frame house, and bank barn. $275,000

Please contact
DANNER'S INC.
for more information.
401 Abbottstown Street, Box 159
East Berlin, PA 17316
717-259-7122

JUNIATA COUNTY
- 235 Acres, 90 Acres Open Land/70 Tillable, Nice Woodland, Pond/3 Streams, Nice Home, 2 Car Garage, Old Bank Barn, Equipment - Corn Barn... Believe It Or Not! - $165,000!!

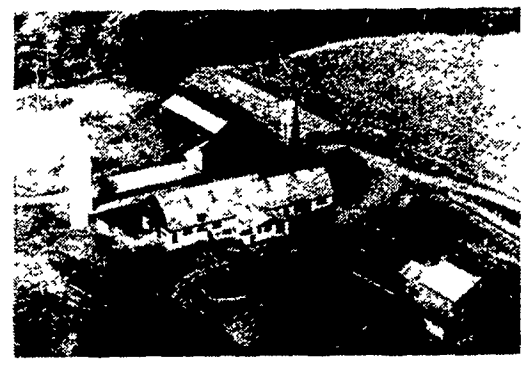
BERKS COUNTY...
- 143 Acres (m/l), 135 Tillable, 8 Acres Pasture, Beautiful Stone Home, Old Dairy Barn, Beautiful Laying Land, Small Orchard On Property, Numerous Other Out-Buildings, Bounded By 3 Roads. It's A Beauty! - $325,000!

5 SMALL FARMS...
- Priced From $62,000 to $125,000. Lebanon & Berks Counties!
- Call For details . . .

RICH BRANDT REALTORS
2230 5th St. Highway, Reading, PA 19605
(717) 274-3622 - office - (215) 378-1122

REAL ESTATE

FARM FOR SALE
125+ Acre
80+ A tillable, 20A permanent pasture. 8-rm., 2-story frame house w/fireplace. Also smaller tenant house. Presently in excellent state of cultivation. Bank barn, cement stave silo, also many outbuildings for grainery, farrowing, hogs, chickens, corn, shop, woodshed, etc. Good fences. Lg. stream, several good springs (piped to bldgs). On quiet road near peaceful community. Purchaser can sub-divide. Good hunting-fishing; next to State Game Lands. Check this farm out, has many possibilities. Less than $1000/acre. Snyder County, only 45 min. north of Harrisburg. Call 717-694-3487 evenings or write R.D #1, Box 225, Mt. Pleasant Mills, PA 17853.



FOR SALE
DAIRY FARM - 176 acres, 40 tie stall barn. For sale by owner. Cumberland County.
Call 717-423-6293

10% OWNER FINANCING
CENTRAL PENNSYLVANIA FARM
UNION TWP. - HUNT. CO. - Over the hill from Raystown Lake - 136 acres - 70 till., 36 past., 30 woodland. Barn less than 30 years old - good silo - house still standing. Spring water. PRICED TO SELL. $96,500, $30,000 down, bal. at 10% APR for 15 years at $714.62 per mo. Balloon negotiable.

LIMESTONE GROUND - STONE HOUSE — 12% FINANCING
MIFFLIN COUNTY - 10% DOWN - JUNIATA RIVER FARM - 1812 Stone House with spring in basement, plus barn and 40 acres for $79,500, $7,950 down, bal. for 15 years at $858.74 per mo. Balloon negotiable. Barn not eqd. for dairy. Class I and Class II, well-drained riverbottom and limestone ground. Peaceful location at end of twp. rd., with 1 mile frontage Juniata River. Up to 150 additional Class I, Class II acres of riverbottom and limestone ground at $1500 per acre. Up to 200 additional acres of woods at $600 per acre. Discount for cash.

CALL:
TRI-COUNTY REAL ESTATE AGENCY, INC.
305 Penn Street, Huntingdon, Pa. 16652
(814) 643-5010 or (814) 643-1309 ANYTIME!

NORTHCENTRAL PA. FARMS & INVESTMENTS
Priced To Sell — Priced To Sell

96 ACRES, old house, springs, pond site, exc. hunting, recreation area, can be subdivided. Only $49,500 PH: 717-724-5921 W-679

PA COMMERCIAL OR HOBBY FARM - 50 head dairy barn on approx. 50 acres all same side of road, 20x60 silo, mow conveyor, partially remodeled house in shade trees, all overlooking beautiful Cowanesque Dam. Just listed at $62,000. More land availalbe. FLB 12¾% Int., existing mortg. M-322 PH: 717-662-2138.

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WESTFIELD, 108 Main St 814-367-2249
MANSFIELD, RD 1, Box 41 662-2138
TOWANDA, Bridge St 265-3171
TROY, 41 Lycoming St 717-673-3298
OUR #1 AIM IS SERVICE

REAL ESTATE

CAYUGA COUNTY N.Y.
110 ACRE HOG FARM

60 acres tillable w/40 acre planted to winter grain. Included 40x145 barn w/12 farrowing crates, 7 sow pig nursery pens and 16 breeding and gestation pens. 12x32 pig nursery barn w/slats and pit, 40x40 pole barn, grain storage bin, automatic feed mill, 3 bedrm. home. Asking $105,000, call 315-252-0521.

S. NORTHUMBERLAND CO. & SURROUNDING COUNTIES
Most farms posible owner financing.
No money down will buy this farm. 280 acres, 165 tillable, 30 pasture, exc. soil, 4 bedroom home in perfect setting, bank barn & machine shed.

New 28 stanchion dairy barn, heifer barn, 4¾ acres, $29,000 or available with 48 acres, no house. Buy or rent with option to buy.

137 acre horse or general farm. 4 bedroom home, 60 acres tillable, $150,000. Owner financing at 12% interest.

Modern 450 acre beef & broiler set up, grain bins & dryer, mostly all tillable, prime level ground, 2 modern homes, poss. owner financing, will divide, Amish neighbors, $900,000.

Amish neighbors - 130 acres, 60 tillable, 30 pasture, balance wooded, 8 room home, extra large bank barn, 10x50 & 16x50 silo, grain storage, 32x80 barn $150,000.

Lykens Valley Farm 110 Acres, 90 tillable, nice home, possible terms. $210,000.

62± acre general farm, 12 room home, coal or oil heat, bank barn, $75,000.

75 acre general farm $85,000.

BRADFORD CO.
192 acre operating dairy farm, 150 acres, 3 silos. Possible owner financing at $245,000.

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CORTELYOU
Real Estate Herndon, PA 17830
717-758-9177

NORTHERN LANCASTER COUNTY DAIRY FARM

A real opportunity for an established farmer to expand his operation. Hagerstown and Duffield soils make up most of the nearly all tillable 120 acres. Free stall barn for 96 head with stanchion dairy stable. Two Harvestores and concrete silos. Other out buildings and 3 bedroom dwelling included. Priced to sell at $2,800.00 per acre.

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2 Adjoining Farms in Franklin Co
77 and 105 acres, Amish farms nearby, and 71 acres of woodland
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HOG$ ARE BEAUTIFUL

86 acre Hog factory - Featuring new 1974 Rambler home - additional smaller home - Complete farrow to finishing - automated grain handling.

Additional Hog farms available

COMPLETE DETAILS AVAILABLE

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GOOD LAND-GOOD WATER STOCK & GRAIN FARMS

ALL SIZES TO 3,000 ACRES MOST FARMS WITH OWNER FINANCING.

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P.O. Box 836
Faribault, Minn.
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507-334-2192

64 STANCHION DAIRY FARM

284 acres, 160 acres tillable, level for farming, 90 acres woods, 24x70 silo, 2 Agway machine sheds, large shed 120x36', 1,000 gal bulk tank, nice house, $295,000.

CENTRE COUNTY

Centre Hall, State College. 152 acre dairy farm 85 tie stalls. Machine shed, Heifer barn, Silos, Pipeline, Tank, Limestone Soil. Stock & equipment can be bought $650,000.

BRADFORD COUNTY

Troy, Rt. 6, 30'x40' 2½ story block building, ideal for camp, on lot 100'x300'.

LANCASTER COUNTY

Bowmansville, 3 bedroom stone and frame house, 2 fireplaces, on 20 acres of woods.

EAST END NITTANY VALLEY CLINTON CO.

112 acres general farm, limestone, 60 acres farmed, more can be farmed, 28 acres pasture, owner financing, $165,000

Donald R. Witwer,
Broker
Ephrata, PA
215-267-7963

JUNIATA COUNTY

25 acre farm in beautiful country setting. 144 year old limestone house, 4 bedrooms, 7 fireplace, old cherry paneled doors in living room. Oil hot air heat. Large barn and sheds in good repair. White board fencing, meadow w/stream. This would make an ideal horse farm. Priced at $80,000.

Additional acreage available.

Call William H. Wilson, Realtor
215-265-3435

FARMS & LAND

F1-2-34 Snyder County Amish farm 126 acres Over 80 acres tillable 20 acres permanent pasture $115,000.

F1-2-31 Dairy farm w/cows and machinery in Union County 140 acres w/over 100 acres of excellent tillable soils. All for only $324,000 Or buy farm only. Some owner financing

F-1058-B Near Danville 53.3 acre farm with excellent barn & 4 bedroom home, 2/3 land tillable, 1/3 woodland $85 000.

F1-2-28 10 acre turkey farm Modern Over 76,000 square feet of floor space. Dirt floors. 45 KW auxilliary power included Union County $410,000

F1-2-23 Dairy farm in Union Co. Good producing farm with 3 silos and unloaders. 102 free stall barn, bank barn, etc. 1000 gal. bulk tank, pipeline milking system, 75 acres approx. 65 acres tillable, class II and III soils $199,000.

F1-2-27 64 acre Amish farm. 35 acres tillable 2 barns Snyder County $75,000.

F1-2-25 Union Co. 50 acre general farm Limestone Twp. near White Springs 35 acre tillable. Excellent producer $100,000. Road frontage near Selinsgrove on U.S. Rt. 522 With or without buildings. Excellent business location High traffic area.

Other Farms Also Available

BOWEN AGENCY, INC.
22 N. Market St.
Selinsgrove, PA 17870
(717) 374-2165

John Mitchel 966-2174 | Phil Graybill, GRI 717-374-8038 | Dave Herbst 374-0257
John Conrad 286-8736 | Harvey Feltman 539-8557

WIMPLE REALTORS... STATEWIDE FARMS

EASTERN NEW YORK

NEW BARN...ALMOST ALL ASSUMABLE MORTGAGE: qualified buyer could buy this 124 acre farm with almost nothing down! It has 117 acres tillable & 5 ponds. Barn milks 42 and was built in 1981 for registered herd, has Badger cleaner & 600 gallon tank. Nice Colonial home has 3 bedrooms. HURRY! $100,000. CALL WIMPLE'S SLOANSVILLE OFFICE FOR PHOTO BROCHURE & DAIRY CATALOGUE. 518-875-6355.

CENTRAL NEW YORK

COMPLETE SHOWPLACE FARM...EASIEST TERMS: 183 acre picturebook dairy comes complete with white rail fences, has 100 acres tillable, 50 pasture, irreplaceable setting. Barn has 75 stalls, 2 silos, cleaner, many extra's. Painted crisp white. Machine shed has heated shop. Very stylish 8 room home; also crisp white. INCLUDES: 76 Holsteins with 46 milking & 22 coming due soon, 4 tractors and complete line of well-maintained machinery JUST LISTED! $275,000 with $70,000 down to qualified buyer. Not many of these farms around! CALL WIMPLE'S SLOANSVILLE HEADQUARTERS: 518-875-6355.

ST. LAWRENCE VALLEY

TREMENDOUS MACHINERY LINE...VERY URGENT SALE: illness forces quick sale here; 297 acres with 200 tillable Pitney loam. Barn has room for 70 head, milks 40, has dump station, cleaner, two 50' silos, unloader, manure room, built in grain bin. Many new features in 10 room home. INCLUDES almost new White 2-85 4WD w/cab, JD 4030 w/loader, extra-long line of machinery, even hand tools. ASKING $195,000 with $45,000 down or make offer

"ONE YOU'RE SURE TO LIKE", especially at the new low price: 188 acres with 90 tillable Very good hip roof barn for 37 milkers. Patz cleaner. 16x50 unloader silo, mow elevator, 2 machine sheds, 2 storage buildings. Nice home with bay-window dining room. REDUCED FROM $100,000 to $71,500.

MANY GOOD COMPLETE DAIRYS WITH EXCEPTIONAL TERMS AT WIMPLE'S GOUVERNEUR OFFICE: 315-287-4163

NEW YORK DAIRY FARMS

#353 - Just Listed! - 200 Acre valley farm, 130 acres river flat land, good 9 rm. home, two story 50 cow barn, heifer facilities, 2 Harvestore silos, 1 concrete silo, pipeline milker. $200,000. $75,000 down 10% 20 yrs.

#354 - Just Listed! 100 cow operation with 17,000 lb. herd, beautiful bldgs. and equipment, excellent location. Buy complete $525,000, large amount of financing, good interest rate.

We sell only FARMS. Send for free farm list!

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(607) 334-9727

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JOHN B. NIESLEY REAL ESTATE

32 West High Street
Carlisle, Pennsylvania 17013
717-249-8787

For:

CENTRAL PENNA FARMS
FARMETTES, LAND, ETC.
See last week's ad for listings

RICHARD B. CRAWFORD - 717-734-3673
CLAIR R. BENNER - 717-444-2162
EARL I. STERN - 717-748-7376
GREGG R. BITTING - 717-789-3368 or 789-4513
STEVE E. ORRIS - 717-789-3368 or 789-4177

PENNA FARMS

NEW LISTINGS

120 Acre Dairy Farm, level Murrill soil, bank barn with 24 stanchions, 6 unit pipeline milker, 900 gal. bulk tank, 96 freestall barn, heifer barn, 12x50 - 20x60 silos with unloaders, 80' feeder, emergency elec. unit, alum. siding dwelling.

180 Acres, Duffield and Hagerstown limestone soils, road frontage, no buildings.

127 Acre General, 102 crop acres, bank barn, frame dwelling needs repaired.

62 Acres Open Land (Hagerstown limestone), no buildings.

CUMBERLAND CO.

158 Acre General, Owner Financing.

153 Acre Dairy, 135 tillable, 40 comfort stalls, beautiful view.

HUNTINGDON CO.

172 Acre General, only $100,000.

166 Acre General, spacious brick rancher, plus 1 room brick school house.

144 Acre Complete Dairy & new dwelling.

"GIVE US A CALL"

Charles Wenger, GRI, 263-0945
George Ebener 249-4979
Wilbert Diehl 258-3231
GEORGE L. EBENER & ASSOCIATES REALTORS
139 W. High St., Carlisle, Pa.
Ph. (717) 243-6195

Montgomery County - Profitable, fully automatic chicken operation for 20,000 layers. In-line washing and grading Local wholesale market for eggs. Retail egg store. Large farmhouse in good condition. Other barns and bldgs. Possible Farm Credit financing. $190,000

Twenty six acre horse farm, 40'x91' pole barn with box stalls. Also, 40'x80' pole barn. 62' diameter round pen. Half-mile track Lovely farmhouse plus trailer for hired help. $180.000.

Berks County - 128 acres close to Kutztown. Limestone soil... Two houses. Bank barn. $576,000

Hershey Farm Agency
1171 Old Sumneytown Pike
Harleysville, PA 19438
215-287-8888

BRADFORD CO.

260 acre river valley dairy and produce farm. 180 acres tillable. Highway location with busy roadside market. Good dairy and equipment included for $565,000. Real estate only $395,000. Unusual potential on this choice operation. Some owner financing.

UNITED FARM REAL ESTATE

OF PA INC.
R.D. 1 Towanda, Pa. 18848.
717-265-5924

NEW YORK GRAIN FARM

505 Acres, 390 tillable, Honeoye Lima and Ontario Soils, 2 set of buildings, 20'x80' H. Silo. 1 barn to fatten 1000 head of hogs, second barn for 100 head steers, 10'x40' concrete silo, corn barn with implement storage. $505,000.00

BEDFORD COUNTY DAIRY FARM

188 Acres, 150 tillable, Hagerstown and Sandy Loam Soil, double 6 Boumatic Parlor, 101 free stalls, 100' bunk feeder, 1000 gallon milk tank, 2 concrete stave silos, 29'x42' H. Silo, 14' x 40' concrete stave silo, 12' x 30' concrete stave silo, 2 barns, good milk market, (more ground available). 2½ story, 11 room frame dwelling, very good condition. $564,000.00

BEDFORD COUNTY HORSE FARM

240 Acres, 78.5 acres tillable at present in pasture. 147 acres of rough pasture and woodland, with cherry, oak, and hardwood. 80' x 160' clear-span horse riding arena, 25' x 96' adjoining clear-span designed for stalls, 32' x 48' barn with heated tackroom.

A colonial home Circa 1850's with all the character and charm, totally remodeled and restored to 20th Century energy standards. $395,000.00

DAUPHIN COUNTY BROILER FARM

54 Acres, 260' x 44', 2 story broiler house for 35,000 broilers, barn with 10 farrowing crates, 28' x 63' implement shed. 2½ story 3 bedroom mobile home. 2 wells and stream.

FRANKLIN COUNTY DAIRY FARM

82 Acres, 60 tillable, Murrill and Hagerstown soil, 20 stanchions, 350 gallon bulk tank, corn barn and implement storage. 2½ story stone and frame house 100 years old. $165,000.00.

BLAIR COUNTY DAIRY FARM

165 Acres, 130 acres tillable, Limestone and Shale soil, 44 stanchions. 1½ story frame dwelling in fair condition. $175,000.00.

84 Acres, 80 acres tillable, Limestone soil. 2 story frame dwelling, needs work done $199,000.00.

LANCASTER COUNTY

60 Acres Limestone Soil. No buildings, lot of road frontage along Township and State road. $210,000.00.

128 Acres beef farm. 103 acres tillable, 20' x 80' concrete silo, 90' bunk feeder, corn barn with implement storage, 4000 bushel grain bin, 4 car garage, 10 room, 2½ story brick dwelling. 25 acres pasture with stream. $350,000.00.

91 Acres, beef farm 80 acres tillable. Bank barn with loose housing and space to hang tobacco, old farrowing house. 8 room brick dwelling. $260,000.00.

"More Farms Available," For more information on these farms call

SHEETZ REAL ESTATE
323 West Main Street, Mount Joy, Pa.
717-653-1481

REAL ESTATE

Virginia dairy farm for lease, 2 barns, milking parlor, 2 silos, 61 acres of land, 24 cows available. Send replies to:
Lancaster Farming
P.O. Box 366 R-33
Lititz, PA 17543

ACCREDITED ALM

SCHUYLKILL COUNTY - 42½ acres, home, barn, garage, corn crib, cement block pig house for 100 pigs, $75,000.00 with owner financing or $65,000.00 cash.

NORTHUMBERLAND COUNTY - 75 acres, home, barn, garage, corn crib, 1600' stream, windmill, lots of road frontage, $85,000.00 with owner financing or $78,000.00 cash.

NORTHUMBERLAND COUNTY-136 acres, home, barn, 6 other buildings, pond, must see, $140,000.00 with owner financing or $125,000.00 cash.

SCHUYLKILL COUNTY - 146 acres or 189 approved building lots, large barn, warehouse, home, garage, silos, much more, $375,000.00 with owner financing or $350,000.00 cash.

HARVEY C. CRESSWELL REALTOR 874-0147 FRACKVILLE

717-739-4845 or
717-628-5057

REAL ESTATE

FARMS FOR SALE
CALL KINGSWAY REALTY
717-569-8701

LANCASTER COUNTY

Farmette in Akron area, frame farm house, large pond, large barn, nice setting $114,900.

Woodland Buck Normanwood Bridge area, 10 acres, ideal for solar housing $33,500.

YORK COUNTY

Investor - 173 acres, 70 tillable, 100 acre woodland, price reduced to $175,000.

51 acres, quiet setting, pond stream, nice set of farm buildings $145,000.

Dairy Farm in Cumberland, Franklin Counties and Boyertown area. Call for details.

Farmettes in the Snyder Co. area.

Dairy Farm in the Newville area. 126 acres, tie stalls, bulk tanks, silo, nice house, 85 tillable, priced to sell at $198,000.

KINGSWAY REALTY
1770 Oregon Pike
Lancaster
Phone 717-569-8701
or Ephrata 717-733-3344
REALTOR

REAL ESTATE

Beautiful, gentle, rolling, Carroll County farm containing 180 acres with road frontage on Salem Bottom and Arthur Shipley Roads. Most of the land is type "A" with only nine acres of woods. Improved by farmhouse and old barn (40'x70') in need of repair. Also improved by a quality modern brick rancher, 50'x30', with finished basement. House may be bought separate from farm. Farm appraised at $2,200.00 per acre; house at $85,000.00. If interested, call T. Bryan McIntire, Personal Representative, 301-848-8888 or 301-876-1234.

REAL ESTATE

FARMS FOR SALE
CHESTER COUNTY
NEAR OXFORD

190 acre Dairy Farm. 150 acres tillable: Stanchions, large silos.

175 acre dairy farm, 50 stanchions.

95 acre dairy farm.

80 acres of bare land, no buildings.

We have more farms for sale.

Owner Financing.

Maurice E. Lehman, Broker
Phone 717-394-2460
or Daniel E. Snader Agent
Phone 717-656-7789

REAL ESTATE

FARMS FOR SALE
Dairy, Horse, Beef & Crop
(Bedford & Blair Counties)

Century 21

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For Sale or Rent

If Interested
Call or
Write
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717-546-5981 or
546-5495

REAL ESTATE

WAYNE COUNTY (NY)

Highly productive 195 acre dairy farm, 55 stanchions, cleaner, bulk tank, 2 silos, shop, storage building, 10,000 bu. grain bin, 500 bu. dryer, remodeled 5 bedroom 2 bath home, excellent water supply, 40 acres in heavy woods, health forces sale, owner will finance. Farm ready to operate. Approx. 3 miles to Mennonite Church.

119 acre adjacent farm, 60 acres tillable, 40x90 pole barn w/silo and unloader. Owner will finance.

Wayuga Realty
Red Creek, NY Box 217
315-754-6554 or 754-8734

NORTHERN TIER OFFERINGS

POTTER COUNTY

24 Acres - paved road frontage	$10,500
48 Acres - wooded, near N.Y. border	$16,800
54 Acres - 10 tillable Oswayo Creek frontage	$17,500
55 Acres - Wooded, owner financing	$29,500
100 Acres - Woods & brush, owner financing	$45,000
149 Acres - Old orchard, pasture land	$49,000

McKEAN COUNTY

267 Acres - 80 tillable, 3 bdrm home Oswayo Creek frontage	$80,000

Contact Robert L. Watterson, R.E.S.
RD#1 Box #1064
Shinglehouse, PA 16748
Phone: (814) 698-2300
Local representative for

THE FAIRMAN AGENCY
Realtors
210 Main Street, Watsontown, PA
Phone: (717) 538-2582

Longacre

BERKS COUNTY

97 acre dairy farm, level limestone soil, 50 cow stall barn w/pipeline bulk tank, features lovely 2½ story brick home w/modern kitchen, living room, 3 bedrooms & bath 6 bedrooms second floor. Group heifer facilities 20x60 concrete silo. 17x45 silo w/unloader, large 3 car garage, 80x30 machinery shed, & corn crib, pasture w/stream, lovely setting, operating farm. $350,000.

87 acre general farm w/2½ story stone double house, 6 bedroom, 2 kitchen, 2 living room, 2 baths, large barn, garage, out buildings. Call for details. $150,000 #363.

MONTGOMERY COUNTY

55 acre general farm featuring lovely log & stone home w/modern kitchen, center stairs, 5 rooms with livingroom fireplace, 5 bedrooms & bath, 2 car garage, bank barn, 2 machine sheds, corn crib, silo & much more. A very lovely setting, ~~$385,000~~ Reduced to $300,000.

SNYDER COUNTY

96 acre general farm, 60 tillable with nice 2½ story frame colonial double home, 11 rooms, 2 baths, 2 kitchens, all in good condition. Large barn set up for 10,000 broilers, trout stream on property, good hunting & fishing area. Reduced to $115,000. Owner financing available. #307.

188 Ac. general farm w/68 A. hard timber, good 4 bedroom home w/kitchen, LR & Bath, very nice laying ground & much more $175,000.

OTHER FARMS AVAILABLE
Please Call and Tell Us Your Preference

PAUL M. LONGACRE
Rt. 100 Hereford, PA 18056
Ph: 215-679-5919

65 Acre general farm w/88x45 barn w/block addition. Large 90x36 implement shed, lg. combination corn crib & shed. Lovely 2½ story home w/kitchen, dinning room, living room 3 bedrooms & bath. Completely remodeled. $125,000 #344.

BRADFORD COUNTY

180 acre, 150 tillable, level land to gentle rolling, beautiful big new rancher w/fireplace, barn remodeled w/new addition, 58 tie stalls, could easily add 16 stalls, bulk tank, dumping station, 18x65 concrete stave silo w/unloader, heifer barn & machinery shed. Located on macadam road. Sets very nice, must be seen to appreciate. All for **$225,000.** Cattle & machinery optional. Additional acreage available for rent.

SUSQUEHANNA COUNTY

140 acre dairy farm, 95 tillable, gently rolling to almost level. A picture clean farm operation with 42 stanchions, stainless steel pipeline, 2 box stalls, 6 calf stalls & enclosed spreader pit. Two 20 x 40 concrete stave silos with unloaders, 650 gal. bulk tank, 2 large poll sheds for machinery & heifers, frame 8 room 2½ story house, modern kitchen, 1½ baths, carport & patio. Must be seen to appreciate. $225,000 #324.

New
275 acre dairy farm w/lovely split level home, lr., dr., frm., laundry, 4 bedrm., 1½ baths, 112 stall barn w/pipeline milking system, heifer barn, machinery shed, completely remodeled 2 story tenant house, dr., kitchen, frm., lr., 3 bedrooms, 1½ baths. Also 200 head of cattle. & full line of machinery $600,000.

437 acre dairy farm, 50 stall barn with pipeline, bulk tank, barn cleaner & 18x50, 14x50 & 12x40 silos. Heifer barn & machinery shed, shop & garage. Lovely stone & frame Colonial home with modern kitchen, 8 rooms & 2 baths. Also new second home with 5 rooms & bath. Call for details. $325,000.

74 acres, 67 T, features 106 comfort stall barn, 1000 gal. tank, pipeline, 89 free stall heifer barn, 30x70 concrete silo, solid 2½ story 4 bedroom home w/bath. Asking ~~$165,000~~, Reduced $125,000. . Also renting additional acres.

COLUMBIA COUNTY

180 acre dairy farm, 118 tillable, 36 stalls, bulk tank, several sheds & second small barn, corn crib, 2 silos & grain storage bins. Lovely 2 story farm house with 9 rooms & 1½ baths, remodeled. Slightly rolling & level good ground. ~~$226,000~~, make an offer, reduced $175,000. #310.

NEW JERSEY

80 acre dairy farm, gently rolling to level, streams & pond. 2½ story home with 4 bedrooms & 2 baths, large remodeled kitchen, dining rm., & laundry. 60 stall barn & 80 freestall milkhouse, bulk tank, large shop, new large machinery shed & corn crib, 14x40 concrete silo & 200x25 trench silo. $250,000.

BUCKS COUNTY

New
67 acre dairy farm, 2½ story stone home w/large lr., dr., kitchen, laundry, 4 bedrms., 1½ baths. 30 cow stall barn, bank barn, 14x40 silo, 3 car garage w/2 bedrm. apt. $215,000. SALES AGREEMENT

100 acres of level Tinicum Bucks County soil, 95T., features lovely 2 story double home w/11 rooms & 2 baths. 2 story bank barn w/50 stalls 1 mi. road frontage. A good operating dairy farm. $360,000.
PAYS FOR ITSELF

145 jacre jug milk farm superb facilities, lg. store & sales area, 3500 gal. milk holding capacity, modern processing facility including ice cream making, 185 cow free stall, 5 lg. silos, lg. heifer facility, 2 double houses & 1 single home, shop, storage sheds, outbuildings, 200 cows, 250 heifers, full line of machinery additional rental acreage available. Call for details. $1,5000,000.

171 Acre jug milk farm w/good sales store, double 6 low line parlor, 120 free stalls, 3000 gallon milk holding capacity, 20x80 & 30x60 silos, 100' & 70' bunk feeders, large 6 bedroom home, completely modern, lovely 2 bedroom ranch. Also full line of cattle & machinery available. Call for details. $650,000. A 358.

100 acre general farm w/large brick 5 bedroom home, 1½ baths, in good cond., large 2 story bank barn, 20x60 concrete silo w/unloader & lots of frontage (adjoins 171 acre farm) $348,000.

MONTOUR COUNTY

NEW
53 acre general farm 30T features lovely 2½ story home w/9 rms and baths New in ground pool, bank barn, sheep pens, corn crib & chicken house #366 $105,000.

LANCASTER COUNTY - SUPER FARM

150 Acre Dairy Farm, (2) 20x60 Harvestore, (2) 24x65 concrete silos, 203 cow super free stall, double 6 parlor, 2000 gal bulk, 150 free stall heifer facility. Lg shop, tobacco shed, 2½ story, 3 family, 3 section stone home, pasture w/stream. 200 acre additional for rent. Financing available to qualified buyer. $585,000 #349

9.9% LEASE A NEW JOHN DEERE TRACTOR NOW AND SAVE

This is the time to lease a new John Deere row crop tractor, utility tractor or 4-wheel-drive tractor. With our 5-year lease, the annual effective lease rate is only 9.9 percent. If you qualify, you can have a purchase option at a guaranteed price written into the lease agreement. Don't miss this money-saving opportunity to put a new John Deere tractor to work for you. Stop in and see us.

Special lease program subject to approved customer credit. The total value of the equipment a farmer may lease with a fixed-price purchase option during any calendar year is limited by federal law. Program may be withdrawn any time. Ask us for details.

JOHN DEERE

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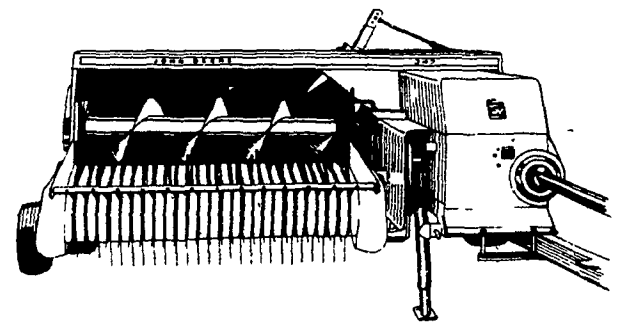

FINANCE CHARGE WAIVER UNTIL NEXT USE SEASON

Right now, we're providing a special offer to buyers of new John Deere and used hay equipment—above and beyond the very competitive deals we're making. With approved credit, you can finance your purchase through John Deere, and no finance charges will accrue until the first day of the month in 1983 you normally put the equipment to work. This offer applies to new balers, mower/conditioners and windrowers, as well as similar top-quality used equipment we have on our lot.

Stop in soon and look over the hay equipment you need—and get all the details on this money-saving finance offer.

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KERMIT K. KISTLER INC.
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215-298-2011

ROBERT E. LITTLE INC.
Zieglerville, PA
215-287-9643

PIKEVILLE EQUIPMENT INC.
Oyster Dale Road
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West Chester, PA
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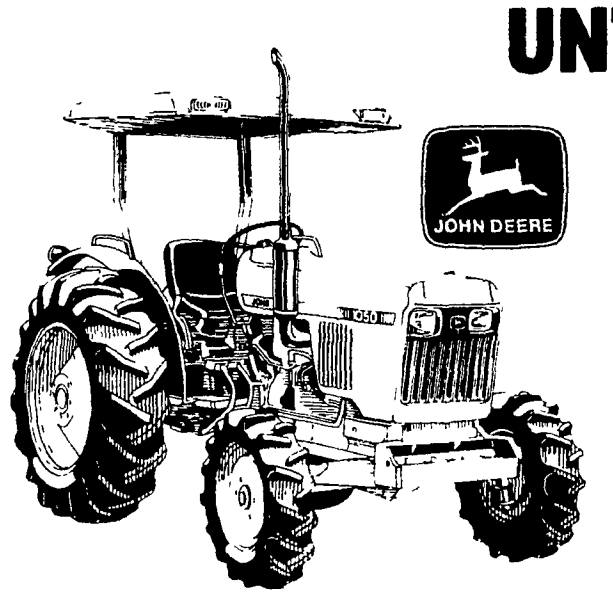
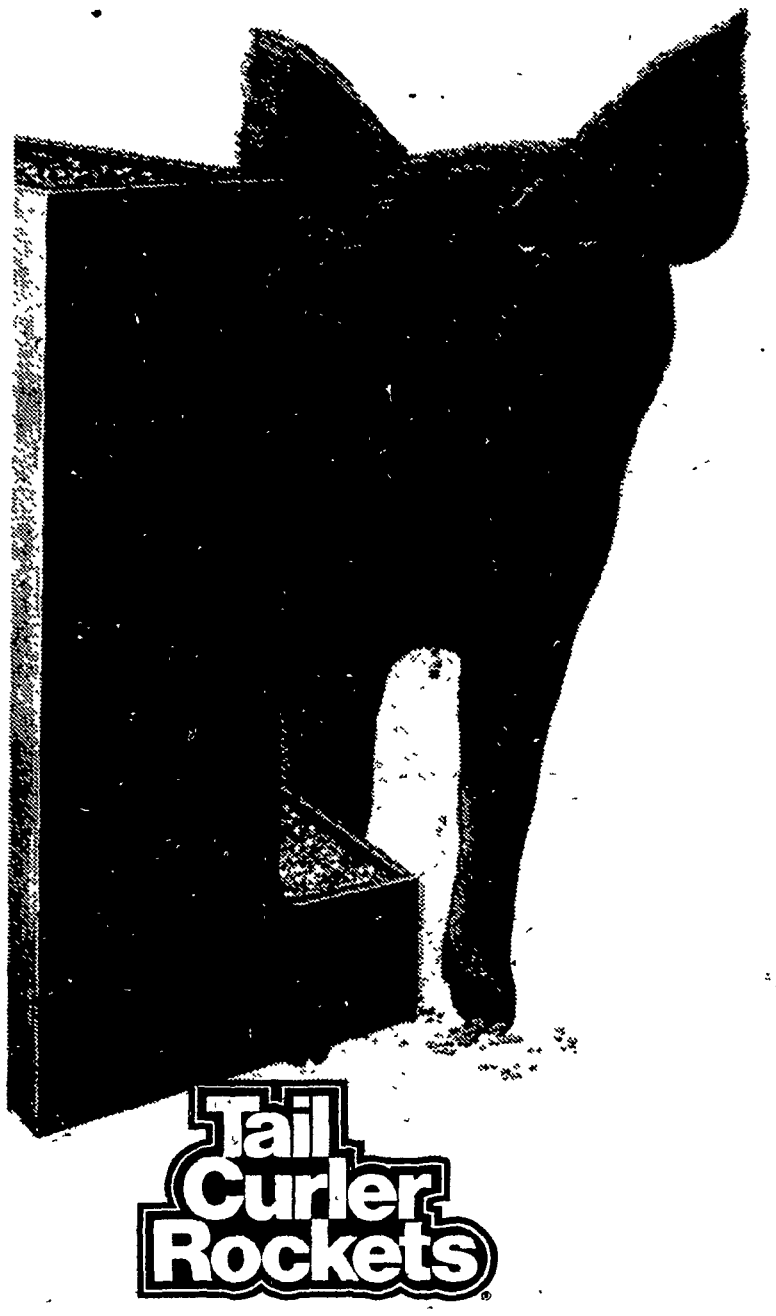


Buy now and save! If you buy a new John Deere Compact Utility Tractor on the John Deere Finance Plan, finance charges will be waived until March 1, 1983. This offer applies to any new John Deere 850, 950, 1050 or 1250 Tractor and all new equipment purchased at the same time for use with that tractor.

Offer may be withdrawn on short notice by John Deere, so see us soon. We have a selection of tractors available for immediate delivery.

(Financing subject to approved credit.)



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And we'll bet your pigs'll love them too! Wayne® Tail Curler Rockets® baby pig starter has a tantalizing aroma and good taste. And there's no looseness problem. The Krums® form is very palatable to little pigs. They like the size and texture. Just look at these test results:

RESULTS OF WAYNE® RESEARCH TRIALS*
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*Comparisons made with previous Wayne Pre Starter Formula

Tail Curler Rockets contain 18% crude protein with added lysine and fiber. A great combination for superior performance without a looseness problem. Added fat improves palatability and energy content.

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See us today for Tail Curler Rockets, the only pre-starter you need to get pigs to 30 lbs. in record time.

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R5, Manheim, PA 17545 717-665-2288

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Peach Bottom, PA 717-548-2376

VAN - MAR FEEDS, INC.
West on Miller St.
Shoemakersville, PA 215-926-2121

Keystone International Livestock Expo opens Friday

HARRISBURG — The Keystone International Livestock Exposition, featuring displays and competition of some of the finest beef cattle, swine, sheep and horses in the country, will be held Nov. 5-10 at the Farm Show Complex.

According to State Agriculture Secretary Penrose Hallowell, this five-day free exposition, which last year drew over 3,400 entries from 23 states, is "an educational opportunity which should not be missed."

He said, "Visitors will have the chance to get a close-up view, to touch and to watch these fine animals being fed, groomed and shown. Children will be able to play with animals, from baby ducks and kittens to calves and ponies, in the barnyard babies exhibit."

Monday, Nov. 8 is Kid's Day at the Exposition. Children visiting the barnyard babies exhibit on that day will be given a free livestock picture to color. Children will also have the opportunity to enter an essay contest with winners being treated to a livestock exhibition at their school next spring.

Recognizing that our youth hold the future of agriculture in their hands, the Pennsylvania Livestock Association, which sponsors the show, has focused much of the competition at KILE toward 4-H and FFA youth.

Over 400 youth participated in judging contests at last year's KILE. These contests include the Keystone Livestock and Meats Judging Contest, the National 4-H Horse Bowl and National 4-H Horse Round-up, the Pennsylvania State Junior Sheep Shearing Contest and the Intercollegiate Livestock Judging Contest.

Additions have been made to this year's show, including the Northeast Regional Sheep to Shawl Contest to be held Sunday, Nov. 7 from 11 a.m. to 1:30 p.m., and the KILE Agriculture Craft Show, featuring quality agricultural related crafts, which will be held on Sunday also.

Secretary Hallowell said, "The first week in November is Pennsylvania Livestock Week and the Pennsylvania Agriculture Department wants to share the industry's story with you. The Exposition offers quality competition and sales, and an atmosphere where breeders, feeders, processors and consumers meet, compare notes, exchange ideas and work together more closely to meet consumers' demands for red meats."

All activities are in Farm Show Complex, unless stated otherwise.

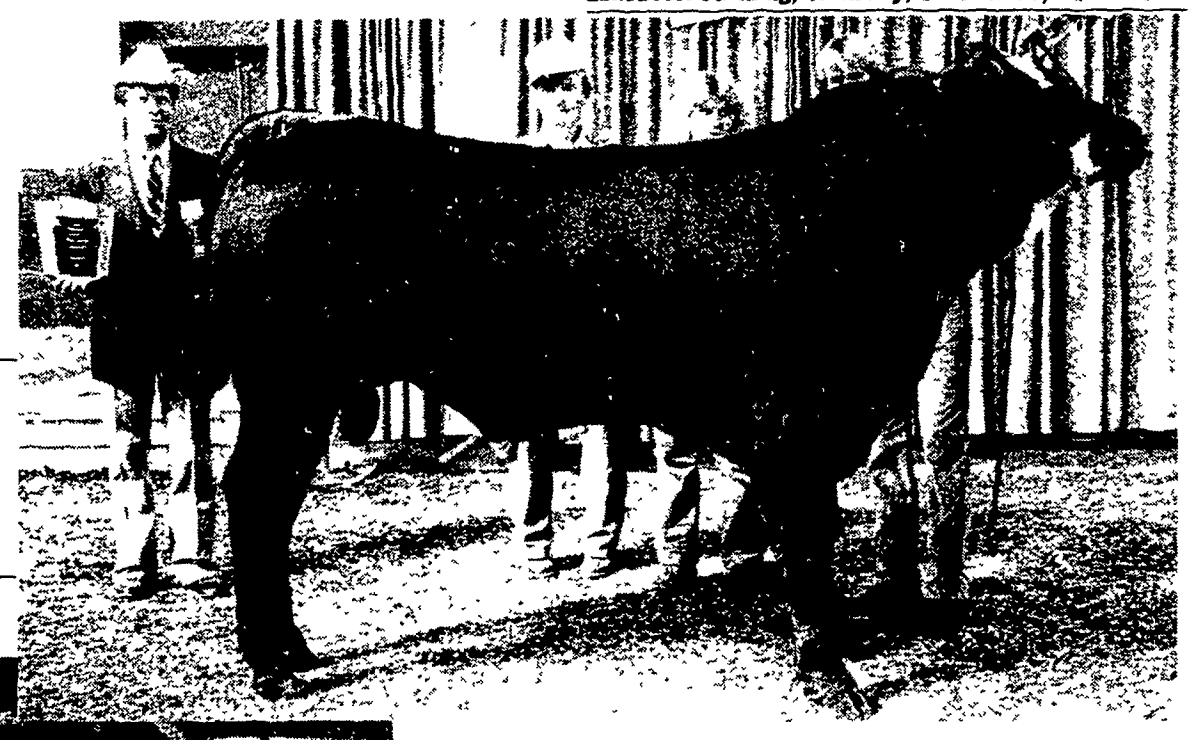
KILE SCHEDULE

TYPE OF ACTIVITY	Friday, November 5	Saturday, November 6	Sunday, November 7	Monday, November 8	Tuesday, November 9	Wednesday, November 10
BEEF CATTLE			11 a.m. Open Class Steers 12 noon Junior Steers (4-H & FFA) 2:45 p.m. Champion Steer 3 p.m. Junior Breeding Cattle	9 a.m. Polled Hereford Breeding Cattle 9 a.m. Feeder Calves 11 a.m. Charolais Breeding Cattle 2 p.m. Herford Breeding Cattle 6:30 Feeder Calf Sale	9 a.m. Angus Breeding Cattle 10 a.m. Simmental Breeding Cattle 2 p.m. Shorthorn & Chianina Breeding Cattle	
SHEEP	8 a.m. Hampshire Shropshire & Dorset Breeding Classes	8 a.m. Pa Lamb & Wool Program Council Open Meeting 9 a.m. Southdown & Suffolk Breeding Classes 12:30 p.m. Pa Lamb Cook-Off Contest Awards 12:45 p.m. Ladies Lead Class 1:45 p.m. Pa Lamb & Wool Queen 2 p.m. Yearling Bred Ewe Sale - Dorset Hampshire Shropshire & Southdown 6 p.m. Yearling Bred Ewe Sale - Suffolk	11 a.m. Northeast Regional Sheep to Shawl Contest 12 noon Open Market Lambs Truckload 15 Market Lambs, Junior Market Lambs 12 noon Junior Breeding Sheep — Dorset, Shropshire Southdown Suffolk 6 p.m. Pa Junior Sheep Shearing Contest	9 a.m. Columbia, Cheviot & Oxford Breeding Classes	9 a.m. Corriedale, Merino & Rambouillet Breeding Classes 2 p.m. Eastern Romney Breeders Association Regional Show	
SWINE			11 a.m. Duroc Barrows On-Foot 12:30 p.m. Hog Evaluation Contest 1:30 p.m. Junior Barrows 2:30 p.m. Open Barrows On-Foot — crossbreds & purebreds of other breeds 2:30 p.m. Truckloads of 6 Market Hogs	8 a.m. Open Barrows On-Foot continued — Hampshire, Chester White, Spotted Swine, Berkshire, Poland China and Yorkshire	8 a.m. Breeding Swine Classes — Duroc, Yorkshire, Berkshire, Chester White, Hampshire, Poland China, Spotted Swine	
HORSES		7:30 a.m. National 4-H Horse Judging Contest 8 a.m. National 4-H Horse Bowl, Holiday Inn Grantville 10 a.m. National 4-H Demonstration & Public Speaking Contests 1 p.m. Paint Horse Halter Classes 4 p.m. Paint Horse Sale 6 p.m. Paint Horse Performance Class	8:30 a.m. Quarter Horse Halter Classes Quarter Horse Performance Classes (30 min after completion of halter classes)	8:30 a.m. Arabian Halter Classes Arabian Performance Classes (one hour after completion of halter classes)	8:30 a.m. Appaloosa Halter Classes Appaloosa Performance Classes (one hour after completion of halter classes)	
SPECIAL EVENTS	7 p.m. Pa Livestock Association Annual Meeting & Awards Banquet Holiday Inn, Grantville	Craft Show	9:30 a.m. Keystone Livestock & Meats Judging Contest			8 a.m. Intercollegiate & Junior Livestock Judging Contest 12 noon All livestock released
		← Barnyard Babies Exhibit →				

The Champion Pen of Feeder Pigs at last year's KILE was shown by Christian Seaman of R1, Grantville. The pigs were York-Duroc Crossbreeds with an average weight of 64 pounds. With Christian is Judge Henry Gruber.

Chester County's Greg Krueger and family exhibited the grand Champion Angus female at the Keystone International Livestock Exposition. Pictured with the Genetics Unlimited, Inc. prize heifer are: from left, Judge Pete Sweeney, Dr. Robert Owen, Dr. Jim Evans, Dr. Rick Steel, and Greg Krueger.

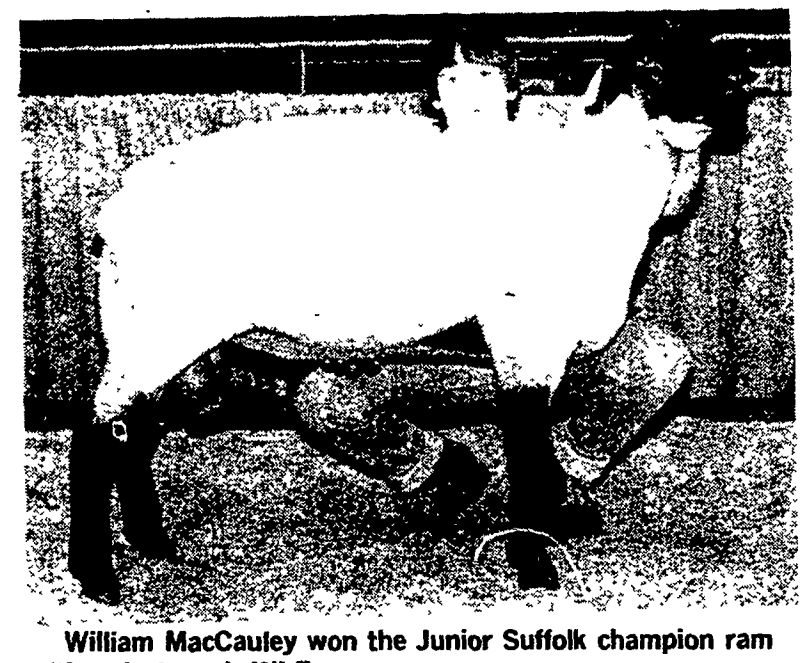
'81 KILE winners



Joseph Messick, Middletown, exhibited the grand champion Chianina bull at Monday's Keystone International Livestock Exposition, last year. Judging the show was Gary Minish of VPI. Also pictured are Mylin Messick and Josephine Popp.

Donna Connell presents the Grand Champion Arabian stallion award to John Coldiron for his top stud, Emerald Hill Nabiel. The 3-year-old Stallion got the winning title from show judge Don Burt, wearing hat, at KILE.

Margaret Herr won the grand champion Dorset ram title last year at KILE.



William MacCauley won the Junior Suffolk champion ram title at last year's KILE.

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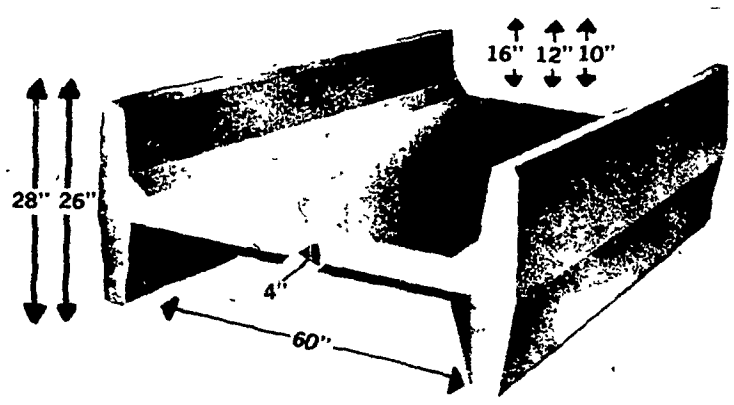

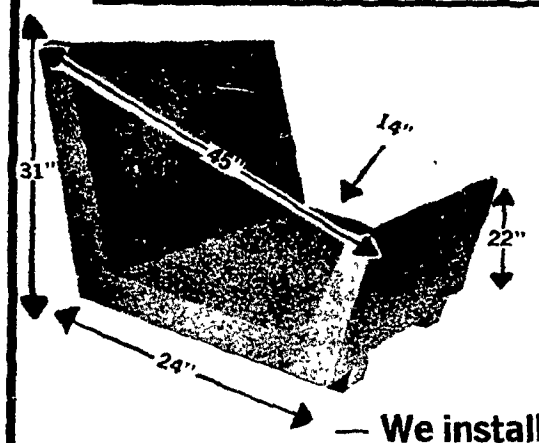

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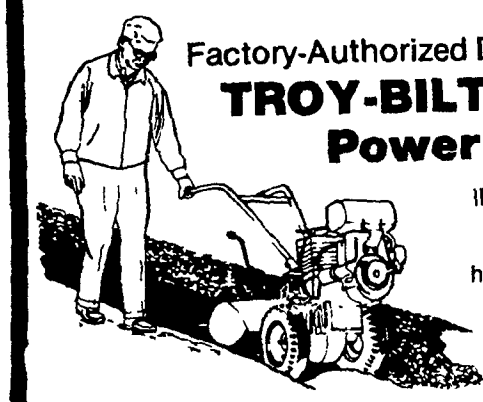

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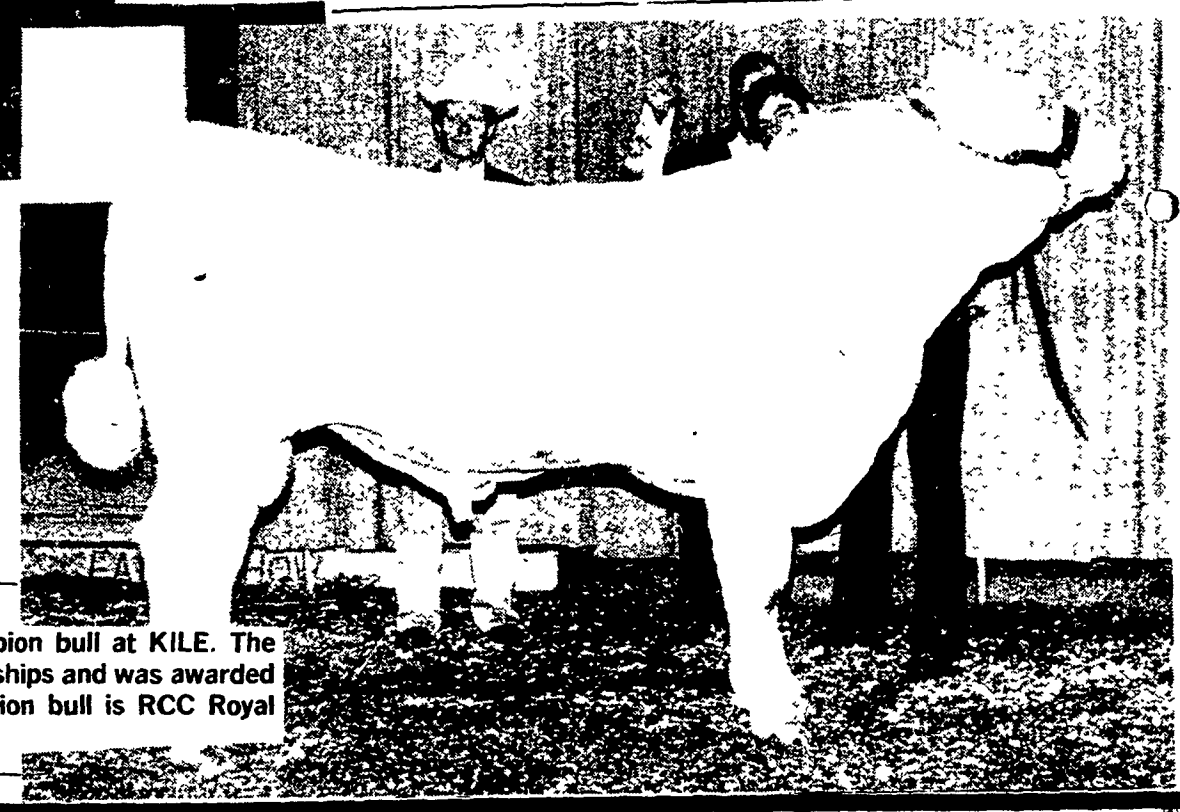
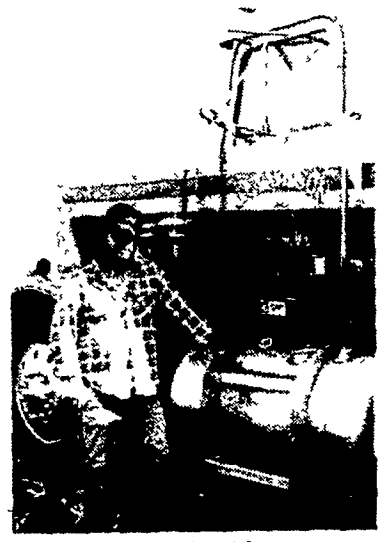
'81 KILE winners

Falklands Farm, Greensburg, Bedford County, exhibited the grand champion Polled Hereford heifer at the Standard of Perfection Show, held in the Farm Show Complex in conjunction with the 1981 KILE. FLF Forcette 950 is a September 1979 calf sired by Enforcer 107H. Judge Bob Kropp, far left, praised her frame, femininity, thickness of muscling, and correctness.



Royal Charolais Co., Greensburg exhibited the grand champion bull at KILE. The western Pennsylvania Charolais farm swept the show championships and was awarded the premier breeder and exhibitor honors. This grand champion bull is RCC Royal Constructor. Judge for the show was VPI's Gary Minish, left.



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Tillage practices affect corn borer

NEWARK, DEL. — As Delaware's corn harvest winds down, many farmers are wondering how best to handle stalks left in the field to reduce populations of overwintering European corn borer.

Based on a two-year study conducted by University of Delaware entomologists on the farm of Joe Hughes near Felton, plowing is the best treatment, followed by rotary mowing of corn stalks. The least effective practice is disking.

The study took place during 1981 and 1982. It was conducted by Charles Mason, entomologist at the Delaware Agricultural Experiment Station, extension pest management specialist Mark Graustein and technician Joanne Whitehead. They say the project evolved from a discussion of how farming practices have changed over the years and how this may affect overwintering corn borers.

Practices followed on most farms to reduce borer levels over winter are currently based on recommendations stemming from research done between 1920 and 1950. Since then, farming methods have changed radically, corn varieties have developed different tolerances to ECB, and the borer itself has altered biologically.

"We wanted to find the most fuel efficient method of controlling ECB under modern cultural practices," Graustein says.

To determine this, in the fall of 1980 and 1981 they chose the field with the highest overwintering ECB population on the Hughes farm and compared the effects of different management practices on emerging borers the following spring. Three different tillage practices were involved — moldboard plowing, rotary mowing and disking. In a fourth set of plots, stalks were left standing without winter protection (complete no-tillage). In the control, stalks remained standing but were covered by screened cages to protect existing borers from birds and other predators or parasites.

The following spring, all remaining plots were caged shortly before ECB emergence so moths could be collected from each treatment and counted. All treatments were repeated six times for scientific validity. This meant that, for several weeks each spring, the field being used was dotted with 30 of the large, box-like cages. Cages were checked twice a week for five weeks.

Because overall ECB levels were much higher in 1982 than the previous year, results differed somewhat, Graustein says. But plowing was the best treatment both years and in 1982 gave significantly better control than all other treatments. Fall rotary mowing was the second best overall control, while disking was the least effective both years. Effects of bird predation and parasitism were less clear, though at the lower level of infestation in 1981 they appeared to provide some benefit.

"Based on our findings," Graustein says, "I would recommend that if the field is to be conventionally tilled, growers leave their corn stalks standing through the winter. Then plow in the spring before moth emergence – that is, before dogwood bloom. If the field is to be no-tilled or late-planted, I'd recommend rotary mowing or chopping in the fall to reduce ECB levels."

Mason and Hughes plan to continue the experiment one more year.

Should you fall fertilize?

UNIVERSITY PARK — How much fertilizer you apply and when you apply it may mean the difference between profit and loss next year, according to Doug Beegle, Penn State Extension agronomy specialist.

Regardless of when the fertilizer is applied, Beegle says that soil tests should be used as the basis for determining the rates of lime, phosphorous, and potassium needed.

If the soil test indicates that lime is needed, be sure to apply it because limestone will increase the availability of both those nutrients in the soil as well as those from the fertilizer applied. Fall is the best time of year to apply lime. Make sure you know the quality of the limestone that you are buying.

Beegle reminds farmers that changes in the state limestone regulations by the Pennsylvania Department of Agriculture improving limestone availability may require adjustments be made in the soil test limestone recommendations. A simple conversion table accompanies all recommendations sent out by Penn State's Merkle Lab.

Phosphorous and potassium fertilizer also can be applied in the fall. Fertilizer prices are usually lower in the fall than they are in the spring when demand is higher, he adds. This is a definite plus for developing a fall fertilization program. Fields also are usually drier in the fall, so the compaction is less.

Wet soil often makes it difficult to apply fertilizer before planting season in the spring, says Beegle. Also generally there is more time to do a good job of fertilizer application in the fall than during the busy spring period.

Fall application of lime and fertilizer results in a more thorough mixing of these materials with the soil. Freezing and thawing, and wetting and drying during the winter result in soil mixing. This is especially important when there will be no subsequent tillage such as in pastures, established sod fields and in no till crop production.

"On those fields that won't be fall plowed, you can apply phosphorous and potassium in the fall provided that the slope is less that 5 percent. Do not apply any fertilizer to fields that are subject to rapid runnoff in the fall," Beegle says.

Fall application of nitrogen is not generally recommended. Nitrogen is mobile in the soil and can be lost by leaching, volatilization and denitrification. To reduce chances for nitrogen loss, it should be applied as near to the time of crop need as possible at planting time or as a side dress.

If nitrogen is applied in the fall, use an ammonium form (anhydrous ammonia, urea, ammonium sulfate) and incorporate it into the soil, Beegle recommends. The soil temperature should stay below 50F after application. Also a nitrification inhibitor may help reduce losses of fall applied nitrogen.

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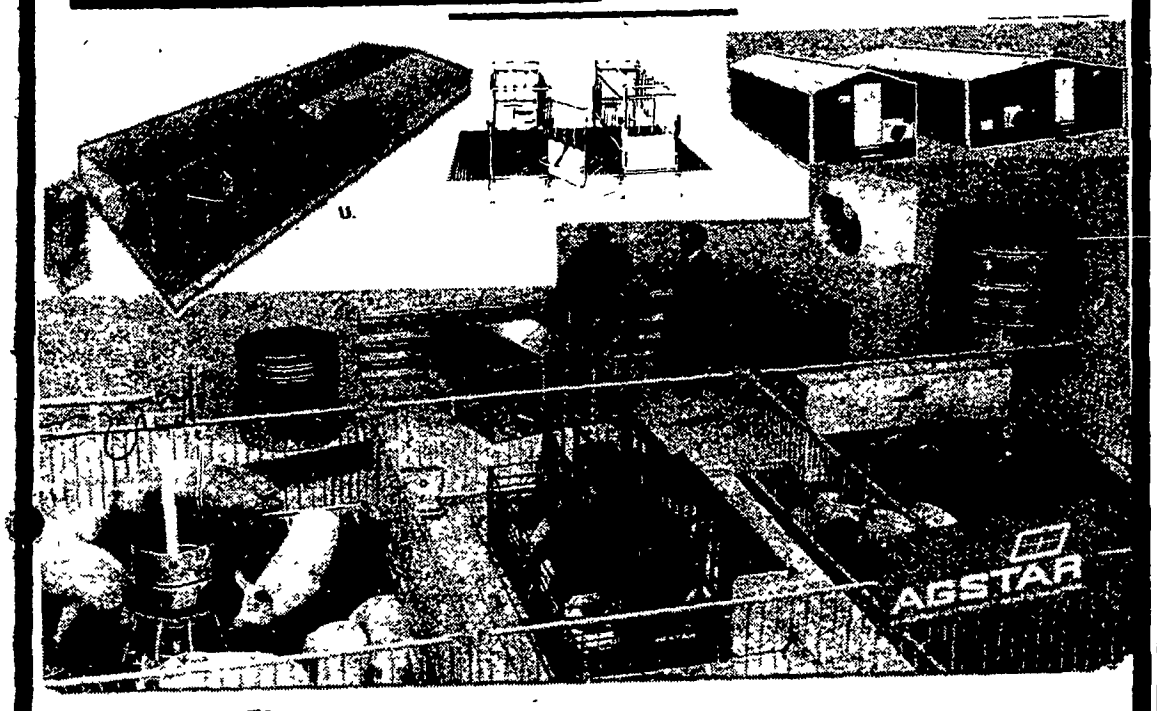

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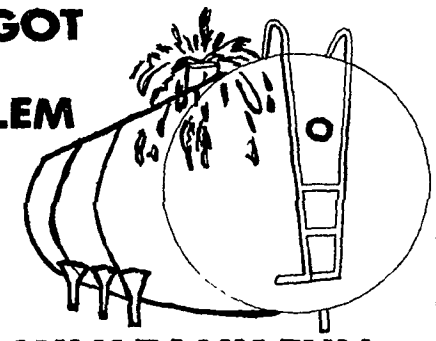

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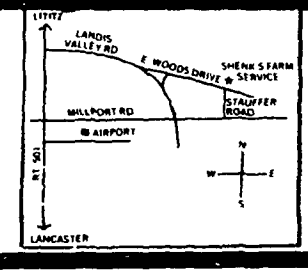

Virus disease on upswing in U.S. small grains

W. LAFAYETTE, Ind. — A complex virus disease affecting small grains is on the upswing in various parts of the United States, say scientists of USDA's Agricultural Research Service. This year and last, infections in the Midwest nearly reached epidemic levels of 1959.

Fortunately, producers of small grains can avoid disastrous yield losses from the disease, called barley yellow dwarf or red leaf, by planting tolerant grain varieties.

But even with today's improved varieties, "we probably lose at least 5 percent of our wheat and 10 percent of our oats in a normal year," says ARS agronomist John J. Roberts, a member of a small grains research team here.

BYD is caused by one or more viruses called lubteoviruses that are transmitted from plant to plant by aphids. Similar luteovirus diseases in crops other than small grains include beet western yellows and soybean dwarf.

The severity of BYD, says ARS entomologist John E. Foster, here, depends on complex interactions among aphids, viruses, various plant species and environmental conditions.

Yield losses from recently developed grain varieties and germplasm lines in the Prudue nursery were about half as great as those from varieties developed before the 1959 epidemic, Roberts estimates. During that epidemic BYD depressed yields of farm grown oats in some parts of Illinois by 90 to 100 percent; total Illinois yield declined by about 28 percent, representing about a $24 million loss. Other north central states experienced similar damage.

Only in recent years have scientists become aware of the yield-robbing effect of BYD in wheat because symptoms are hardly noticeable. Faint yellowish-green blotches on the leaves enlarge and turn various shades of red, purple, brown and yellow orange depending on genetics of the plant.

BYD, while becoming more prevalent in the Midwest, is on the increase also in the Southeast, where acreages of wheat have increased dramaitcally, and in the Pacific Northwest, where changes in irrigation and other cropping practices have increased the abundance of aphid vectors.

Washington State University entomologist Keith S. Pike and plant pathologist Steven D. Wyatt found that aphids had transmitted BYD virus to about 80 percent of the 150,000 acres of irrigated corn in the Columbia basin in 1980. Although corn harbors the virus, scientists have no evidence that corn yields are affected.

Foster and Purdue University plant pathologist Richard M. Lister are examining corn and other grass plants as potential bridging hosts for the spread of the aphids and viruses to fall-planted wheat in the Midwest.

Lister and Foster are using a test called ELISA—enzyme-linked immunosorbent assay—to detect and measure antigens produced by specific luteoviruses. The researchers hope to improve their basis for breeding new resistant varieties by comparing the virus contents of resistant and susceptible varieties of wheat, oats, and barley.

Foster is working with Purdue University wheat breeder Herb W. Ohm, plant pathologist Greg E. Shaner and others to develop small grain varieties with resistance to BYDV.

ARS and Purdue University scientists have bred disease-and-insect-resistant wheat varieties that are now grown on more than 75 percent of the soft red winter wheat acreage in the United States. Their most recently released BYDV-resistant wheat variety was named after plant pathologist Ralph M. Caldwell, a member of the team from 1931 to 1971.

In 1980 the team released "Elmo," a BYDV-resistant germplasm line of wheat and in 1981 they released "Porter," a BYDV-resistant spring oat.

At the University of Illinois, Urbana, pioneering research begun in the late 1950s by ARS and state scientists also is paying off. This year several experimental lines of oats showed outstanding resistance, as did "Ogle" oats, and Illinois-developed variety with wide geographical adaption and high yielding capacity.

ARS plant pathologist Henryk Jedlinski, Urbana, sees breeding for BYD resistance as part of a big picture. For example, the ability of plant to resist BYD may be lessened by rusts and smuts.

At Brookings, S. Dak., ARS entomologist Robert W. Kieckhefer is researching another part of the big picture. He's studying the big picture. He's studying the effectiveness of several groups of insect predators on the regulation or aphid populations, especially early in the growing season when aphid numbers are low.

ARS scientists at Frederick, Md. are working with researchers at Penn State University, University Park, monitoring aphid mov[illegible] by using suction trap collectors. Information they obtain may become a component in an early warning detection system for growers.

ARS plant pathologist William F. Rochow has observed a gradual change in the predominating BYDV isolates in New York. The predominating isolate now is of a type called PAV, rather than the earlier primary isolate called MAV that is transmitted as a single virus only by English grain aphids.

Rhopalosiphum padi, also known as padi aphids or oat bird cherry aphids, can transmit the isolates MAV, RMV or SGV from plants that are also infected with an isolate called RPV or the increasingly prevalent PAV.

"Since we find doubly-infected plants common in nature, we think this system of dependent transmission could be important in the field," says Rochow.

Corn leaf aphids, padi aphids and English grain aphids are among the most notorious in transmitting BYDV in the Midwest but Jedlinski has found that any of at least 18 different species of aphids can be vectors.

Some kinds of aphids colonize on plant roots where they are difficult to detect. This year Jedlinski found colonies on some diseased plants only after the plants had been brought to the laboratory and kept in cages.

"As we learn more about the biology and dynamics or aphid vector associations below the soil, we may be able to develop some effective BYD control measures based on integrated pest management," says Jedlinski.

Extension advisors generally don't recommend spraying small grain crops with insecticides. Contact insecticides may not kill aphids that migrate to the field after spraying. Systematic insecticides in plants may agitate the aphids, increasing their movement from plant to plant and those sprayed plants that the insects feed on would not escape infection, Jedlinski says. Spraying also may kill lady beetles, parasites wasps and other biological control organisms.

Heat control in deer offers population mangement

UNIVERSITY PARK — Improved management of deer herds may be possible by controlling their breeding season, according to animal scientists at Penn State.

One way to do this, say the Penn Staters, is to control the estrous or "heat" cycles of the females. This has been accomplished by implanting the horomone progesterone under the skin of the doe's foreleg.

Progesterone releases slowly from its container and mimics pregnancy, preventing the onset of the estrous cycle and ovulation, according to Daniel R. Hagen, animal scientist heading up the project.

Hagen says the progesterone findings could be used to control deer populations where overgrazing by herds has become a problem. To implant a progesterone capsule, deer are tranquilized with dart guns — used commonly in wild animal studies.

Levels of progesterone in the blood rise sharply after the hormone is implanted, Hagen points out. Progesterone levels in the blood decrease soon after the hormone is removed. Two implants give higher levels of the hormone than one implant but only during the first four days. After that, progesterone from one implant exceeds two implants in the blood. The capsules are removed after two weeks.

Untreated does, on the other hand, have variable levels of normal blood progesterone, indicating their estrous cycles are irregular.

The experiments were carried out during the fall months of 1979 and 1980. Does were penned with a sexually-active male during and after each two-week treatment. No signs of mating behavior were noted in treated does while they were implanted. After the capsules were removed, some does showed mating behavior within one day.

"We can control the reproductive cycle of females without damaging fertility or without reducing the number of fawns born," Hagen stated.

The proportion of does producing fawns was similar for both treated and untreated groups. Hagen indicated that the treatment had no effect on the number of fawns born per doe.

Average fawning dates were similar among the two groups. However, fawning started earlier in the season for implanted females than among untreated ones.

Hagen and co-workers list two additional reasons for learning to control the breeding season of white-tailed deer. One is to learn more about the reproductive processes of deer. The other is to study the interplay of nutrition and its effect on births.

Breeding among white-tailed deer occurs normally in the fall and winter. Fawns are born in the spring and early summer.

When asked if implanted does could pose a problem for humans who shoot one and consume the hormone-treated venison, Hagen points out that this is strictly a research project at this point and that he is not interested in implanting wild does.

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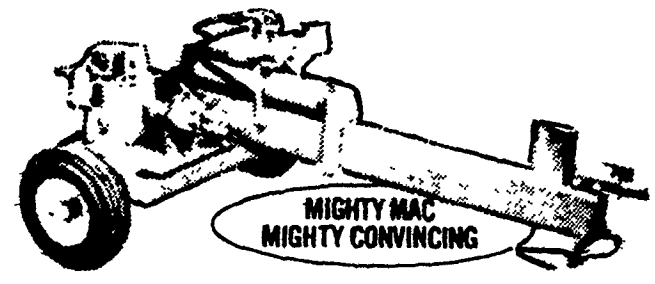

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USDA program to boost farm exports

WASHINGTON, D.C. — U.S. Senator Jesse Helms called Agriculture Secretary John Block's announcement of a "blended credit" program a "step forward in the fight to expand U.S. agriculture export markets and increase farm income." Helms is chairman of the Senate Committee on Agriculture, Nutrition, and Forestry.

The USDA program provides a three-year, $1.5 billion program of "blended credits" to expand exports of agricultural products. Part of the money comes from funds mandated for export programs by the Helms amendment to the Omnibus Budget Reconciliation Act of 1982. The amendment directed the Secretary of Agriculture to use $175-$190 million of Commodity Credit Corporation funds to expand U.S. agricultural exports.

The Congressional Budget Office attributes a savings of $713 million over three years and a net savings of $188 million over the three years to the Helms amendment because the additional export sales will reduce future farm program costs.

The program, announced Oct. 20, will provide below-market interest rates for export sales by blending interest-free direct government export credits with government guaranteed private credits. The credit program will be directed toward long-term market growth as well as immediate export gains.

The first $500 million, to be made available in this fiscal year, will be a blend of $100 million of interest-free direct government credits and $400 million of the credit guarantee program. The $100 million in direct credits comes from the money authorized by the Helms amendment.

The remaining $75-$90 million provided for in the Helms amendment will be held in reserve for use later in the fiscal year. Helms noted that the funds held in abeyance could be used to counter export subsidies of other countries.

"We can no longer tolerate the unfair trade practices of other countries. Export subsidies by the European Economic Community, for example, artifically displace American exports and undercut world prices, thereby making it exceedingly difficult for U.S. farmers to earn profits in the marketplace," said Helms.

"Secretary Block and I share the view that the marketplace is the best source of farmers' income. The program announced yesterday will help increase the volume of exports and strengthen farm prices," Helms said.

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Soybean Assn. comments on blended credit

ST. LOUIS, Mo. — President Reagan's announcement of new blended credit programs for farm exports represents an important step in soybean recovery according to the American Soybean Association. The commodity group says it is working to encourage sales under the new program.

"Farmers are tired of selling soybeans at garage sale prices," says ASA President B.B. Spratling, Jr., a Roba, Alabama, soybean farmer. "Blended credit will allow U.S. farmers to compete with farm products subsidized by other countries. The president's new export credit program, when combined with his support of limited contract sanctity for farm exports, represents an important step in returning soybean sales to profitable levels. Through actions during the past year, the Administration appears to be building a progressive U.S. farm export policy program that will greatly benefit U.S. farmers."

Spratling said the major parts of the export program include:

- Reagan's end to the Soviet embargo and his March announcement that he would not invoke supply-based embargoes nor single out agriculture in political embargoes;
- Reagan's extension of limited contract sanctity to soybeans sold to the U.S.S.R.; and
- The president's decision to offer customers a blended credit program for farm exports.

"These programs should help expand soybean exports and help restore international confidence in the U.S. as a reliable supplier," Spratling said. "While the president has taken positive steps, ASA believes he should take additional action. We'd like to see contract sanctity approved as congressional legislation. We'd like PL480 Food for Peace soybean oil shipments increased. We'd like aggressive action to oppose unfair export subsidies used by Brazil and other nations. These additional actions will help increase soybean prices to profitable levels."

Spratling said ASA's international staff has already started contacting industry and government sources in foreign nations to encourage sales through the blended credit program. Special efforts are being made through ASA's offices in Mexico City, Madrid, Singapore, Taipei and Seoul. He said he also anticipates ASA staff to successfully encourage India and perhaps Pakistan to purchase soybean oil through the new program.

Small game season opens today

HARRISBURG — Pennsylvania's regular small game hunting season opened today at 9 a.m.

Species on which the season opens include cottontail rabbits, ringneck pheasants, quail and wild turkeys. The fox and raccoon hunting season opens Wednesday, Nov. 3.

Grouse and squirrel hunting traditionally starts two weeks prior to the regular small game season, having begun Oct. 16.

The regular small game season for cottontails, bobwhite and pheasants, as well as the squirrel and grouse season, will close Saturday, Nov. 27.

Raccoon hunting will continue through Jan. 31, while the fox hunting season ends Feb. 28.

As recently as 1978, Pennsylvania's rabbit harvest had fallen to 1.35 million, but recovery started the following year, and by 1981 the harvest had climbed to nearly 2.7 million. Pheasant harvests, over the million mark through 1976, have declined, and ran slightly under 850,000 last year.

Rabbits were reported in September to be in excellent supply by 15 district game protectors, at good levels by 76 conservation officers, in fair numbers in 39 districts, and poor in three areas. Populations seem to be at highest levels in eastern sections.

Ringneck pheasant supplies are unlikely to approach the record levels of the 1970s in the future. To offset losses in natural reproduction, the Game Commission will release about a quarter million pheasants prior to and during the month-long season. This should provide hunting opportunities for the birds in most sections.

In September, 23 district game protectors rated pheasant populations as good, 73 expected fair hunting this year, while 37 wildlife officers predicted poor hunting this year in their districts.

There was no bobwhite quail season in 1981, following a harvest of about 36,000 birds in 1980. Quail hunting will be permitted this year in 54 counties, with the following being closed: Adams, Chester, Cumberland, Dauphin, Delaware, Franklin, Fulton, Juniata, Lancaster, Lebanon, Perry, Snyder and York.

The outlook for turkeys is probably the most exciting part of the hunting picture. Pennsylvania's turkey population now is probably as large as it has ever been, largely due to expanding range. Wildlife managers believe the total number of birds in the state is near the 100,000 level.

Last month, 31 district game protectors reported they had excellent turkey populations, 56 expected turkey hunting to be good, 25 rated propsects as fair, and 22 in non-turkey range reported poor supplies of birds. The best hunting will be found in the northcentral and southcentral parts of the state.

Hunters are reminded that the fall turkey season will be closed in those parts of Armstrong, Butler, Erie, Indiana, Lawrence and Mercer Counties that are in Turkey Management Area No. 3.

Turkey harvests in most good fall seasons average about 20,000. Last fall, hunters took about 26,000 birds, compared to about 30,000 the preceding year.

These are the daily and possession limits for small game species during the regular season:

Cottontail rabbits — A limit of four per day per hunter, and eight in possession.

Ringneck pheasants — The daily limit is two, with a possession limit of four.

Bobwhite quail — A daily limit of four, with no more than eight in possession.

Wild turkey — A limit of one per hunter for the fall hunting season.

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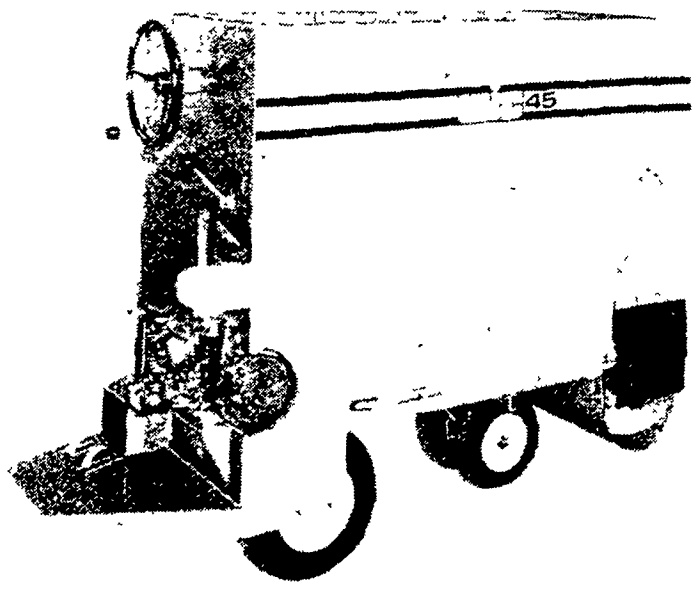

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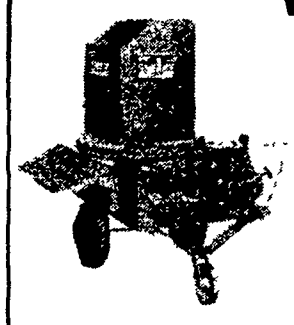

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At Berks Round-up

Haas shows champion steer

By Laurel Schaeffer

LEESPORT — Taking the top honors of the Berks County 4-H Market Steer Round-up was an Angus-Chianina crossbred shown by Andy Haas, Douglasville. The steer, named Orville, weighed 1,235 pounds when auctioned off at $1 per pound. Buyer of the champion was Marvin Frantz, Coopersburg.

The Berks County Steer Round-up grand champion Angus-Chianina crossbred was shown by Andy Haas, Douglassville. The steer sold to Sharon Frantz, Coopersburg for $1 per pound.

Andy is the thirteen-year-old son of Mr. and Mrs. Harold Haas. He has been showing in 4-H for the past 5 years and has received reserve champion honors at several shows. Andy is an eighth grade student at Daniel Boone School District.

The reserve champion steer, an Angus-Simmental crossbred was shown by twelve-year-old Lori Rabenold, Kutztown. Her steer, named Blazer, weighed 1,215 pounds and sold for $.80 per pound to Peters Brothers Meats, Lenhartsville.

Lori is a seventh grade student in the Kutztown School District and has been showing in 4-H for the past four years. She placed first in her showmanship class at this year's steer show.

Following are the show placings:

Light-Lightweight

1 Sarah Hoffman Barto, 2 Dennis Cooper Lenhartsville

Medium-Lightweight

1 Troy Werley, Shoemakersville, reserve champion lightweight, 2 Dennis Cooper, Lenhartsville

Heavy-lightweight

1 Greg Zook, Oley, champion lightweight 2 Jane Zook, Oley, 3 Greg Stricker

The reserve champion market steer was shown by Lori Ragenold, Kutztown and was purchased by Rex Peters of Peters Brothers Meats, Lenhartsville for $.80 per pound.

Medium-Mediumweight

1 Sarah Hoffman, Barto, res champion mediumweight, 2 Karen Rabenold, Kutztown, 3 Dwight Zook, Oley

Heavy-Mediumweight

1 Kenianne Rarick, Reading, champion mediumweight, 2 Kirk Fisher, Oley, 3 Lynn Lorah, Oley; 4 Michael Harley, Douglasville

Medium-Heavyweight

1 Andy Haas, Douglasville, Heavyweight and grand champion, 2 Lori Rabenold, Kutztown, res heavyweight and res. grand champion

Heavy-Heavyweight

1 Carol Strause, Hamburg; 2 Travis Werley, Shoemakersville, 3 Jan Adam, Hamburg

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Sr. Showmanship

1 Jim Heffner; 2 Carol Strause, 3 Jan Adam

Int. Fitting

1 Kenianne Rarick, 2 Andy Haas 3 Lynn Lorah, 4 Greg Zook, 5 Kirk Fisher

Int. Showmanship

1 Karen Rabenold; 2 Kenianne Rarick, 3 Greg Zook, 4 Kirk Fisher, 5 Andy Haas

Jr. Fitting

1 Kent Fisher, 2 Matt Harley, 3 Travis Werley, 4 Lori Rabenold, Jane Zook

Jr. Showmanship

1 Lori Rabenold, 2 Kent Fisher, 3 Travis Werley, 4 Jane Zook, Matt Harley

During the sale a total of twenty steers were sold for an average of $.77 per pound. Buyers included: Vintage Sales; Robert Frame of Vintage; Yoder's Meat, Shoemakersville; King's IGA, Hamburg; Erb and Henry, New Berlinville; National Bank of Boyertown; Montgomery-Bucks Farm Bureau; Hamilton Bank, Reading; Fleetwood Grange; Leesport Market and Auction; Van-Mar Feeds, Shoemakersville; Farm Credit, Shoemakersville.

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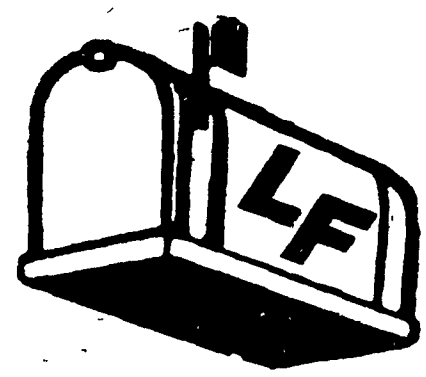

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Red Angus breeders syndicate bull

DENTON, TX — E. H. and L. L. Walker, Red Angus breeders from Eagle Lake, Texas, announce the syndication of RN Umpire 318, a high-performance son of Umpire 1000.

New owners of the "Texas Umpire 318 Syndicate" are: R. Q. McSwane, Red Brahman breeder from Baytown, Texas; Dr. R. A. Pena, Red Brangus breeder from Temple, Texas; Brushy Creek Brahman Center, Taylor, Texas; Esteban Garcia Jr. Ranch, one of the oldest and biggest Brahman operations in the United States; and the Walkers.

At three years of age, this 1980 national class champion weighs approximately 2,100 pounds and stands nearly 58 inches tall. He has a weight ratio of 102 and a progeny weight ratio of 104. In addition to having Umpire 1000 as his sire, RN Umpire 318's maternal grandsire is the famous Choctaw Chief 373.

Semen is available on this great bull at Brushy Creek Brahman Center; Rt. 2, Box 200A; Taylor, Texas 76574; 512-352-7444.

Keep pigs healthy

NEWARK, Del. — Swine diseases have many causes. The challenge is for producers to manage herds to reduce disease.

University of Delaware Extension livestock specialist Richard Fowler says bacterial infections such as E. coli and the scours that usually accompany this problem are one source of trouble. Viruses such as TGE (transmissable gastroenteritis) are another source, while parasites, inadequate nutrition, improper environmental temperature and general poor management lead to stresses which contribute to disease.

"Swine producers who try to increase pig resistance to stress, or reduce their stress, will have fewer losses than those who do not," Fowler says. Cold, wet pigs are stressed. So are those that become overheated. It's important to keep pigs warm and dry. Adult swine prefer a temperature of 65 F and an occasional "wallow" in hot weather.

Cleanliness is the starting point for a good herd health program, the specialist says. Sanitation means different things in different management systems. An outside farrowing system requires clean ground. Floor and walls of an inside farrowing unit must be not only clean but disinfected, since cleanliness there calls for practices that reduce microorganisms.

Most swine diseases are transmitted by some form of contact — either direct or indirect. Research at Iowa State University has shown that organisms responsible for rhinitis, for example, are passed from sow to pig by direct contact. Sulfamethazine fed to sows two weeks before farrowing will effectively reduce the spread of AR organisms, Fowler says. Birds have been shown to transmit TGE and other diseases. Boots, clothing, feed, vehicles, soil and water are other indirect means of spreading disease.

Pigs that recover from an infectious disease may still carry the disease organism and be a source of infection for other swine. Bloody scours may remain dormant in the gut of an animal, then suddenly break out to cause weight and profit losses.

"Stress has a definite effect on a pig's ability to resist disease and develop protective antibodies," says Fowler. Cortisone-like substances are produced in a pig's body when stress occurs. These secretions interfere with the animal's defense mechanisms by reducing white blood cell count. Mange is one source of stress. Some researchers feel that mange-infested pigs may have poor vaccination results because adrenal gland secretions prevent good antibody formation.

Breaking a disease cycle can present some challenges, admits the specialist. The intense use of a facility on a continuous basis often results in a build-up of organisms.

An all-in, all-out system offers the best chance to prevent disease or to interrupt an outbreak, he says. When possible, the facility should be emptied, cleaned thoroughly, disinfected and allowed to dry for several days before reintroducing pigs. Sunshine destroys many microorganisms, but it is not effective when passing through glass.

Fowler says the following management practices will help prevent or break a disease cycle:

Empty the facility. Many disease organisms cannot survive outside the pig. In severe cases, the facility should be open for three to four weeks. Such long breaks are not realistic, however, except in extreme circumstances.

Clean units thoroughly. Remove all organic material. Use a disinfectant and allow thorough drying. Use boot baths — especially at farrowing house and nursery doors. Keep the disinfectant fresh. Wash sows to remove manure and parasite eggs. This is important to reduce exposure of newborn pigs to microorganisms and heavy infestations of internal parasites. Promptly remove the afterbirth and any dead animals, and burn or bury them at least three feet deep.

Keep pets away from the swine herd — especially from young animals. Cats are carriers of atrophic rhinitis. Bird droppings are another source of contamination.

State assesses crop production

HARRISBURG — Based on Oct. 1 conditions, Pennsylvania's 1982 production of corn for grain, tobacco and grapes are expected to be below 1981 levels, while apples and hay production are forecast above last year according to the Pennsylvania Crop Reporting Service.

Corn for grain production is forecast at 123.3 million bushels, eight percent below a year ago. Acreage for harvest is set at 1.37 million with a yield of 90.0 bushels per acre.

Tobacco production is forecast at 24.7 million pounds, nine percent below last year. Acreage for harvest is expected to be 13,000 acres with an average yield of 1,900 pounds per acre.

Grape production is estimated at 55,000 tons, ten percent below the 61,000 tons harvested in 1981. Apple production is estimated at 570 million pounds, 43 percent above the 400 million pounds produced last year.

All hay production is set at 4.7 million tons, three percent above the 1981 level. Acreage for harvest is estimated at two million acres with an average yield per acre of 2.33 tons.

At the United States level, corn for grain production is forecast at a record high of 8.31 billion bushels, one percent above last year. Tobacco production is forecast at 1.93 billion pounds, down six percent. Grape production at 5.68 million tons is 27 percent above 1981 production. Indicated apple production at 8.46 million pounds is nine percent above last year. All hay production at the U.S. level is forecast at 152.47 million tons, seven percent above the 1981 production of 143.11 million tons.

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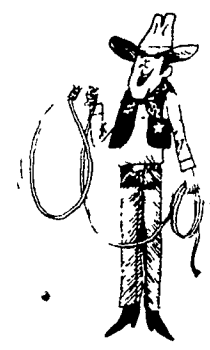

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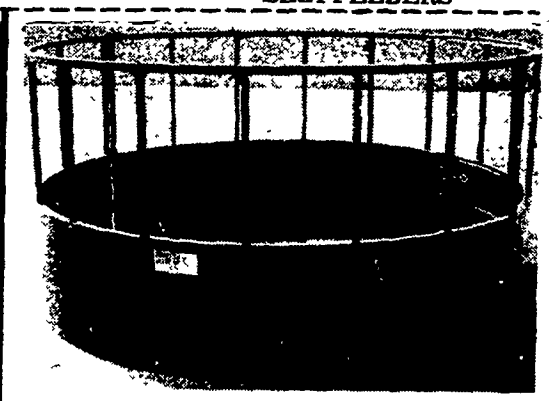

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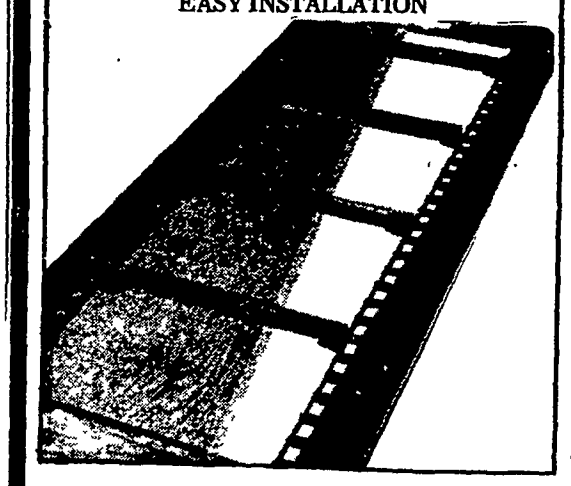

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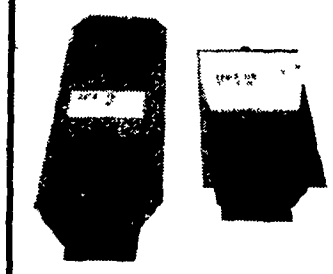

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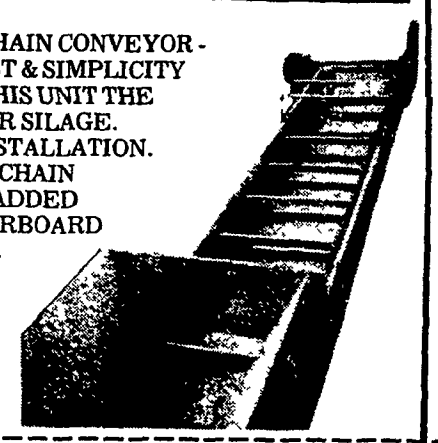

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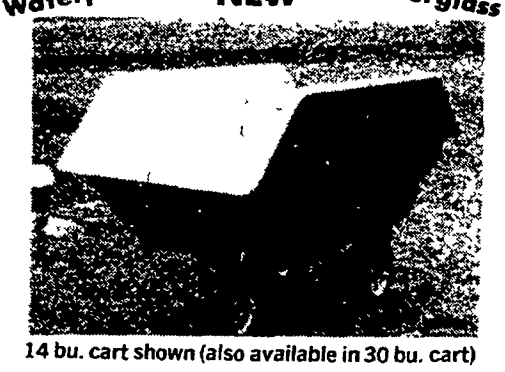

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USED EQUIPMENT:
1 - 16' Silo Matic Unloader Basic Unit Only $1000.00
1 - 20' Zook Liquid Elevator $1200.00
1 - New Idea Single Row Snapper Picker $3000.00
1 - Rotary Scythe w/P.T.O. $1000.00

COTTON TWINE FOR TOBACCO BALES:
2 lb. Rolls, 10 lb. Rolls } CAN SHIP U.P.S.
717-299-3721 (Wayne-Sales) (Larry-Office)

FARM EQUIPMENT

IH 175 crawler/loader, enclosed cab, 4 in 1 bucket, undercarriage fair, runs & operates $5500.
Hough HR 4WD loader, gas powered, enclosed cab, runs exc. $3500.
VILSMEIER EQUIPMENT INC.
Construction Equipment
Sales & Parts
Route 309
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18936
Phone: 215-699-3533

JD 4010 w/new engine, 38" rubber, front, excellent 814-793-4293

Lilliston model 2000 rolling cultivator, 3 pt. hitch, 186" tool bar, units complete w/front and rear gangs, coulters, etc., $1,150. 412-837-8310 days or 412-423-2791 evenings

Snap Bean Harvester on Int. 666 hydro drive tractor complete with dump box $11,000. 609-769-3183

FARMALL TRACTORS
Cub Lo-Boy w/mower
Cub w/mower and S. Plow
Cub Disc Harrow
Super C w/f.h.
T.J. WHEARY & SONS
Lancaster, Pa.
717-687-0102

For Sale
And Farmall Cub
Wisconsin Engine Parts
Cranks, heads, blocks,
all reconditioned
T.J. Wheary & Sons
Lancaster, Pa.
717-687-0102

4 cyl. Perkins diesel power unit, 15 KW Katolight generator, 40 amp Lincoln straight and reverse polarity DC welder, can be used on PTO or line shaft. Used 2 years. 717-423-6794

JD 4620, power shift, good condition. Lancaster Co., Pa. 717-284-2761

Massey Ferguson 550 combine, hydrostatic drive, Air Cond., 13' grain head, 4RN corn head, low hrs. 814-684-3057

For Sale - (New) NH 310 baler super sweep pick-up w/engine. $5,800 Jacob M. Fisher East Gordan Road Gordanville, PA 17529.

JD 2520 diesel, dual hydDeere 95 corn special, 831 hrs., wide or narrow row, 13 ft. bar. Almost new. $9,550. Call Larry, "The Combine Man". 219-862-2151

Combines: Small or large from Ind., Ill., Corn belt shredded machines, most headers available. Wholesale prices. Call Collect "The Combine Man" Larry Stalter. 219-862-2151

1971 K Gleaner, 10 ft., float bar, $8,250. 45 JD, 10 ft. sharp, $4,750. E Gleaner, 10 ft., 2-40" $4,350. 300 MF, $2,400. Many more, large and small. Also corn and grain headers. Ask for Larry, "The Combine Man". 219-862-2151

IH 806 diesel, wide front, 3 pt. hitch, 814-793-4293

For MF, Deere, Gleaner and Int. corn headers, call Larry. "The Combine Man". 219-862-2151

IH 203 combine w/enclosed cab, 10' wheat head, #227 corn head. 3 Farmall M tractors w/blades & buckets. IH model 2ME 2 row corn picker mounts on M tractor. IH 400 Cyclo 4 row planter. IH 1-46 6 bottom reversible disc plow w/2 pt. hitch. 2 IH 3 bottom trailing disc plows w/hydraulic lift. JD 3 bottom disc plow w/trip lift. IH 370 12" disc w/mulcher attachments & drags. IH 58N 8' disc. IH 153 4 row cultivator IH #50 rotary shredder. 165 gallon 8 row weed sprayer. 22' steel flatbed truck body. Call after 6:00. 215-666-5410

Meyers forage box, 6x16 with roof, two way unloading, three beater, excellent condition. $1,975.00. Weaver's Hardware Co. Fleetwood, Pa. 215-944-7486

FARM EQUIPMENT

NH #L35 uni-loader, hydrostatic drive, quick attach bucket, good cond., $4,250 or best offer. 717-733-7408, 215-267-3984

For Sale - Combine, turbo diesel with 6 row corn head narrow, 4 row corn head wide and 15' small grain head. 201-859-1945

For Sale - Crawler Loader, JD Diesel, completely rebuilt and painted, less than 25 hrs. on engine $6000. 201-439-2861 after 7 p.m.

For Sale - 3 cyl. F3L912 Deutz diesel, recent overhaul, very good condition, available w/clutch or clutch reduction. Benuel Beiler, Rt. 1, New Providence, PA 17560.

White #548 5x16 semi mounted spring auto. reset plow, good cond., $1650 or best offer, 717-733-7408, 215-267-3984

For Sale - New 25KW Winco generator on cart. 400 amp double throw for center pole. Call 717-966-0145 Union Co.

WHITE 5100 Seed Boss planter - 6 row no-till air planter, liquid fertilizer, brand new, used on 60 acres, $9,790. OLIVER 880 farm tractor, 65 HP, wide front, completely rebuilt into new condition, $4,290. GEORGE WHITE 310 field sprayer, 35' boom, brand new condition, $1,790. 75 GMC pickup truck, automatic air conditioning, camper top, $2,190. Tandem axle equipment trailer, electric brakes w/rmaps, $950. '79 Chevy Monte Carlo, excellent, $4,950. 215-767-0578

JD 95 combine with 4 row narrow corn head, factory new engine, 30 hrs., Field ready. 609-737-1008 after 5 p.m.

MF 10 hp riding tractor with mower, excellent $695. 215-267-3984 after 6.

510 MF combine, diesel, quick attach, $5800 or best offer. 717-738-1677 or 733-7408

1972 GKS, A-1 cond. with 4 and 6 row corn head and 14 ft. grain table. 301-834-5093, price to move.

FARM EQUIPMENT

For Sale - Little Giant drag elevator w/motor, excellent condition. 717-382-4062 evenings

Shelling unit for NI mtd. picker, like new, 717-456-5863 eves.

For Sale - JD 443 corn head, 4 row narrow, very good shape. Northampton Co. 215-252-7091

MF 410 Diesel, hydro, cab, air, new 23.1 1-26 8 ply tires, 13' quick tach head. excell., Monmouth Co. 609-259-7492

Collectors! Ford 6000, overhauled 2 years ago, good condition. Call 215-932-2753

For Sale - Used Hesston 2000 gal. tank manure spreader, excell. cond., asking $5500. Call 301-635-6141 between 6-9 p.m.

For Sale - HD5 dozer MF 65 w/ind. loader. T020 Ferguson 3 pt. backhoe, good undercarriage and rubber. York Co. 717-927-6564 after 4 p.m.

IH Harvester with hopper and screen to grind Hi-moisture ear corn model-650, $2,000. Juniata Co., 717-463-2360

For Sale - 5 HP Roskamp Roller Mill. Rolled 9,000 bushels, $1,800. 717-944-6289

For Sale - 24' elevtor w/motor, NI 504 lader w/snow and dirt buckets, 12.5 Kw generator w/cart, 2 ventomatic fans w/thermostats 215-369-1911, Berks Co.

NH 850 round baler, Hesston 1090 9' Windrower, like new, Deutz 7206, new tires, 301-582-1927

Must sell - Case 730 gas tractor, tricycle front end. Call 215-932-2753.

For Sale - #10 Hesston stacker, good cond., $2500. Phone MD 301-293-2077

JD baler 336, $4200; JD rake 660, $16700; JD mower 1209, $3000; JD cornpicker, $400; bale wagon, $800; '74 Ford Mustang. Balt. Co. 301-592-6485 after 6 p.m.

1945 Farmall A (crank model) tractor w/plow and worker, good condition, $1,595. 717-792-1935

FARM EQUIPMENT

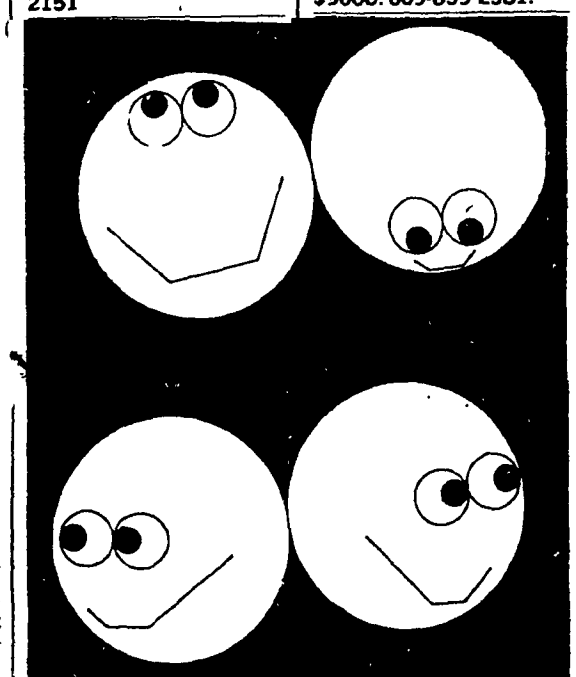
JD 2020, JD 2520, AC HD11G tractor loader, Rt 4, Box 322, Winchester, VA 22601, 703-877-1938

For Sale - JD Model 700 grinder mixer, like new, Ezra Konagy 717-483-6953

JD 2510 gas, dual hydraulics, 3 pt. power steering, 3000 hours, 814-793-4293

NI #17 manure spreader, ground driven, very good, $875. Big stainless steel milk strainer, $35. 717-354-0266

JD 2940 diesel, almost new, 351 hours, 16.9x38 tires, $16,900. International 656 diesel, hydro, $6,500. 219-862-2151



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FARM EQUIPMENT

For Sale - JD 2020 gas tractor, good rubber, in A-1 condition, $4,500. Also JD 48 loader w/6' bucket and valves. 717-532-8601

NI No. 323 one row corn picker. 814-793-4293

Farmall M parts, delivered, reasonable prices, 215-357-2010

NI 2 row mtd. corn picker w/12 roll husking bed rubber fingers, brackets for JD 717-626-5678

IHC 856, cab, original paint, 3 pt. 2600 hours, 814-793-4293

AC model F combine, diesel, has new belts and many new parts, engine completely rebuilt, 14' grain table, field ready, $9000. 609-859-2381.

FARM EQUIPMENT

1976 7060 AC tractor w/cab, duals 20.8x38 excellent condition. Call 215-932-2753

JD 730 diesel, electric start, 3 pt. hitch, fenders, exc. cond. 814-793-4293

7G crawler loader, very good condition, asking $10,900. Will consider trade in. 717-367-9773

8 row White planter, excellent condition, 1 year old. For information call 215-932-2753

For Sale - 2 used Acorn cable barn cleaners, 170 & 180 ft. of cable, (2) 1½ h.p. reversing motors. Good for parts. Call after 7 P.M. 717-434-2697

Wanted - 3 pt. hitch for Oliver 77 or 88 or for AC WD model. Thor Erickson, Hagerstown, MD. 301-739-8035

NI No. 305 double rw. mtd. corn picker. IH 656 utility WFE dual hyd. front/rear/outlets w/side console, recently overhauled. 717-837-0765

IH 1 row corn picker, Cherokee cattle trailer, JD 4 btm., plow, calf feeders, 717-567-9576

FARM EQUIPMENT

JD 435W 4 row corn head, exc. cond. 215-536-0912

For Sale - JD 6600 sidehill 630 corn head, cab, air, loaded, 1000 hrs., shedded, exc. cond., field ready, $25,000. Will consider trade. 215-845-3178, 395-1213

JD 7700 combine with 6 row 30" corn head, 13' grain head. 301-795-9375

Oliver 74-H mtd. cornpicker; also, NI, 323 1 row picker. 717-532-6619

1 used 1 row NI corn picker, model 323 $2900 A-1 cond. 215-932-2615

Wanted - Large Tarpaulin Call 215-857-3463

Sold my farm I have the following machinery for sale. 1 1977 MF 1805 articulate 225 HP tractor w/duals 900 hrs., like new. 1 800 IHC flex frame plow 9 18" bottoms, plowed 300 acres, has cushion caulters. 1 JD 12' disc w/new 22" disc. 1 16' front IHC vibra shank, 1 26" Haines potato grader w/roller table. 1 26" Haines washer. 1 26" Haines potato scrubber, 1 double head Haines 50" potato bagger 1 16" 12' conveyer on wheels. Will finance w/proper credit, 607-295-7675

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TRACTORS
AC 7580 Cab and Air
AC 5040
AC 5050
AC 7010 Cab and Air
JD 2640 w/loader
Ford 4500 w/loader
Case D 580 Loader

BALERS
NH 268 w/thrower
NH 269 w/54A Thrower
NH 273 w/54A Thrower
NH 283 w/62 Thrower
NH 315 w/58 Thrower
NH 320 w/70 Thrower

COMBINES
NH TR 70 w/15' G.H. and 4R C.H.
JD 105 w/444 C.H. and G.H.
AC MII w/4R Head and 15' G.H.
AC CII

WAGONS
NH 1000 Bale
NH 1012 Bale
NH #8
(2) Cornell Gravity Boxes w/running gears
Gravity Box w/running gear

SKID LOADERS
(2) NH L 775 gas
NH L 778 Diesel

HARVESTERS
NH 880 w/2R W and 1R pickup
NH 717 w/1R head
NH 770 w/717 R2 and 1R pickup
NH 1880 SP Cat. Dsl. w/2 new style heads, 3Rn and Windrow pickup
JD 3960 w/2R head and Windrow pickup

MOWERS
NH 451 Sickle Bar
JD 25A Flail
(2) NH 462 Disc

CORN PLANTERS
White 6R no-till air
IHC 8 R Cyclo
IHC 4R Cyclo
IHC 6 R No-Til
JD 1440 No-Til
AC 4R no-til w/gran. fert.
AC 6R no-til air w/gran. fert.
AC 4R no-til w/liquid fert.

MOWER CONDITIONERS
(3) NH 469
(2) NH 479
NH 490
NH 467
NH 495
NI 299 Mow/ditioner
NI 279 cut/ditioner
NH 1495 D Hydro 12' S P
Hesston 620 windrower

MANURE SPREADERS
(2) NH 365 Tank
NH 362 Tank
NI 224
Hawk Bilt 207

RAKES
(2) NH 260
(2) NH 256
NH 258
NI Bar
V Tandem Hitch

CORN PICKERS
NI 325 Picker w/2RN Husking Bed
NI 323 1 Row Picker
NI 324 Super Sheller
JD 237 Mtd. Corn Picker
NI 324 Corn Picker 2 Row

MISCELLANEOUS
JD Stack Shredder w/stack mover
Little Giant 32' Elevator
Ontario SOLD 1
AC 2300 Disc

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USED EQUIPMENT

TRACTORS:
IH 574 D Row crop - $8,500
IH 1566 D., Cab & Air, 30.5x32 tires, new TA, Real Nice - $18,500
JD 4520, 20.8x38 Radials, No Cab - $12,500
606 Diesel Utility, 3 pt. - $4,900
IH 560 Gas, 400 Gas
IH 350 Farmall, PS
IH 460D, Utility - $1,800 as is
IH 544 Gas w/2000 Loader - $6,500
(2) Farmall M
(2) MF TO-30 w/Turf Tires
Leyland 154 Gas w/Turf Tires
Oliver 1800 Gas, Wide Front End, over & under $4500

COMBINES:
915 Combine, Low Hours, Like New
844 Cornhead, Like New
810 13' Cutter Bar
MF 510 Diesel w/ 13' SOLD , Real Nice - Ready To Go!
MF 410 Gas, w/34 Cornhead & 13' Platform
KKS Gleaner, 10' Platform, 2 Row Corn head, like new
FKS Gleaner Diesel 4 Row Wide, 12' Platform
• 11.9% Financing Available

TILLAGE:
JD 111 10 ft. Disk Harrow, Like New
IH 470 Disc Harrow, 15' Folding, 7½" Spacing
IH 760 14' Offset Disc
Bush Hog 18' Folding Disc
Pittsburg 12' Disc
IH 370, 350, 37, 35 In Various Sizes
Cub 2-Way Plow
Oliver 4-Bot. Semi-Mtd. Plow
IH 531 3 pt. 3 Bot. Plow
IH 550 5-Bot. 16" Semi Mtd. Plow
MF 3 pt. Mtd., 3 Bot. Auto Reset Plow
Dunham 8 Shank 3 pt. Chisel

PLANTERS:
(2) IH 56 4-Row Planters
4 & 6 Row Cyclos, Field Ready!
JD FBB 17x7 Comb. Single Disc, Good Shape!
JD 3 pt. 4-Row Wide Cultivator
JD FBB 17x7 DD
IH No. 10 13x7 Plain Drill
IH No. 10 16x7 Single Disc, Comb., Hyd. Lift
IH No. 10 16x7 Single Disc, Comb.
Oliver 24x6 Combination Drill
MF 13x7 Comb. Drill
Ontario 16x7DD Plain, Late Model
IH 510 18x7 DD, Plain Drill

IH 315 Hydro (For Parts)
IH 403 w. 4-Row Wide Head & 12 ft. Grain Platform
IH 315, 2-Row Wide Head
IH 205 w/227 Head
IH 203 w/2 Row Head
IH 227 Cornhead, fits 315, 205 or 203
NI 325 2-Row Narrow Picker w/Sheller Attach. - $3,250
Straw Chopper for Gleaner M
Set of Tires & Rims for 1420 Combine - 23x 134 rice tires

HAY & FORAGE EQUIPMENT:
IH 990 Mower Conditioner, 9', Steel Rolls, Very Nice Cond.
LAMCO Forage Wagon
#5 Flail Chopper, Real Nice!
#8 Flail Chopper, Like New
33 NH Flail Chopper
JD 115 Forage Wagon
Gehl FBB 88 Blower
Gehl FBB 99 Blower
38 JD Chopper
550 IH Chopper
1014 Hesston Mower Cond.
420T Hesston S.P.
NH 479 Haybine
NH 280 Baler with Thrower - Like New!
JD 894 Rake
IH 430 Baler w/Thrower

TRUCKS:
IH 4x4 — "As Is" — Good Farm Truck - $800

MATERIALS HANDLING:
Century 300 Gal. Sprayer
Hansen 300 Gal Sprayer, 42 Ft. Booms
157 Hawk Bilt Spreader - $995
Int. 540 w/End Gate - Was $1995 Now $1395

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New Berlinville, PA 19545
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Daily 7 to 5
Sat. 7 to 3

FARM EQUIPMENT

For Sale - JD 2840 Low Hours in excellent condition $12,500. 717-896-3630

For Sale - one Massey Harris combine w/grain head; one NI mounted corn husker, 2 row; one H tractor, $1,800. 201-859-1731

F Model Prentice knuckle boom mounted on 66 IH w/log bed, air brakes, 5x3 transmission, pulling tandem, good condition. 703-721-3408

Farm tires and tubes, fronts, rears and implements, low, low prices, Eddie's Tire Outlet, Willow Street, PA 717-464-5008 or Chambersburg, PH: 717-263-0013. Wilmington, DE 302-655-8500.

Used Farm Tractor Parts by the thousands. Wenger's. 717-866-2135.

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Montgomeryville, PA., 18936
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Combine, 3300 JD, 422 hrs., looks like new. 814-926-3669

For Sale - Bale kicker wagons steel or wooden sides, complete with running gear or will put sides on your bed. 8x8x16, 18 or 20 ft. lengths. Also flat bed wagons. 1 mile north of Gap along Rt. 897 STOLTZFUS WOODWORK, RD #2, Gap, Pa. 17527. 717-442-8972.

FARM EQUIPMENT

1965 4 tandem axle w/Cummins engine and 3250 Calumet liquid manure tanks good cond. $6500. 717-285-3711

For Sale - Moridge grain dryer, model 275, $2,500. 717-463-2394

Corn drag, $175. 12A manure spreader, very good, $775. 717-354-0266

For Sale - 10' Grandy seed and fertilizer drill, like new 717-687-0102

Int. 2400 Tractor, excellent condition. 301-829-0271

JD 3020 Power Shift, WF, good tires $5,750. 301-829-0271

For Sale - 5 JD 4020 diesels, very nice condition, make offer, will give 30 day warranty. 717-532-7054.

NI #10 Picker $1100
NI 8½ ton Model 244 Spreader w/endgate (new) ... $7000
NH 1010 Bale Wagon, Very good ... $3800
AC 4 Row Narrow corn head for model G...$3000
WENTZ FARM SUPPLY
Palm, Pa. 215-679-7164

Farmall Super C F.H.; F.H. Hay Rake; F.H. Disc Harrow; F.H. Corn Planter and Manure Loader, 717-687-0102

Front end loader, Swinger 200, articulated, 176 Ford gas engine, flotation tires, good cond. $7500. Hagerstown 301-790-1303

For Sale - Arts-Way grinder mixer winpower, 15 KW alternator, also steam jenny. Wanted Case 1835 skid loader w/low hrs. 717-624-8561

For Sale - corn head and pickup head for model 770 harvester, Wic bale chopper, 3 hp, electric. 215-869-8745

FARM EQUIPMENT

1978 Gleaner combine M2 corn and soybean special hydrostatic drive, air conditoned 4 row 30 in. corn head 13 ft. grain header with automatic height control. Bargain price. Call 215-593-6156 Lanc. Co.

Starline Flail Manure Spreader, good, 150 bushel. 717-776-6203

FARM EQUIPMENT

NH 368 Flail Manure Spreader, excellent, 1064 gallon. 717-776-6203

IH 715 corn soybean special combine w/hydrostatic drive 4 30" corn head, 15' floating cutterbar grain head $11,000 717-464-3697

(2) 5 ton gravity wagons; NI Super sheller 4 year old; JD 4020 Diesel w/cab. 717-587-1271

FARM EQUIPMENT

Old two cylinder John Deere fly wheels rebuilt with our patented steel draw- in hub which has the ability to tighten up on new or worn crank shafts. Also available new manufactured unbreakable fly wheels. Allen Machine Works, RD #7, Jonesboro, Tenn. 37699, 615-753-5738 day or night.

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Combine, Harvester and Corn Head Parts For Sale off used machines. Wenger's. 717-866-2135.

FARM EQUIPMENT

1 set of 18.4x34 Firestone all traction Field and Road tires and tubes filled with calcium, 90% tread, new prices over $850, will sell for $450. Also set of 18x34 rims with riveted lugs, would make excellent dual wheels, make offer. 717-464-2874

For Sale - 1800 Oliver, needs some work, front end, 3 pt. hitch, $2500 814-793-2976

(Combines, Tractors and Equipment on our Lot.
(Combines) Used 1981 JD 6620 turbo Hydro, 200 hrs., like new, used 1980 JD 6620 Side Hill Hydro fully eq. real nice for $49,000, 76 JD 4400 Dsl. looks like new 1975 JD 4400D very nice and field ready. JD 8820 fully eq. w/4 whl drive and dual wheels used 1½ seasons like new, New JD 4420 fully equipt. 443 C.H. 1975 JD 6600D rotary screen, good cond. 1976 Int. 715D, w/air & 13 ft. grain, field ready, never used in corn, Gleaner N5 (Demo) fully eq. w/15 ft. grain and new 6-30 C.H. 1976 Gleaner FD w/air and both heads (1 local owner); 1976 Gleaner KKS cab & air w/grain $12,500, 1976 Int. 915 grain head $19,900, 1979 MF 550D, excel. w/grain and corn heads. 1975 MF 510 hydra. w/grain and corn. 1973 Int. 915 gas w/grain head $8750.
1968 Gleaner CII diesel w/cab and 4 row C.H., JD 7700 D w/grain & corn head for $24,500, JD 6600 D w/air & 13 Ft. grain.
JD 95 sq. back w/grain and 435 N C.H.
1969 JD 55 sq. back corn special w/cab and 2 heads; Int 715 gas w/cab, 810 grain Int. 810 13 ft. floating cutter bar.
(Bargain Corner) JD 95 Sq. Back, JD 55 Sq. Back w/2 heads; Int. 303 w/grain; Int. 303 w/cab and grain.
Used JD 213 and 215 flex heads.
Late model Int. 303 w/cab, N.H. 985 w/cab and grain and 4 row 38" C.H. 1972 Gleaner F w/grain & C.H. N.I. 702 D uni w/cab 8800.00, NI 702D w/cab $6200.
N.I. 702 D w/husking bed and 3 row C.H., NI 702 w/729 A sheller.
TRACTORS & EQUIP. Farmall 1566 w/cab and duals, Used White 2-105 w/roll guard, Ford 4000D w/1400 hrs. excl.
New John Deeres 4040 w/Power Shift and R.G. for $23,950, New JD 4240 cab & air Q.R. for $30,000, (4) real nice balers, JD 336 w/thrower, NH 320 w/thrower, used 1 season. NH 315 w/thrower, Hawk Built round baler.
Corn Heads JD 643, 444, 843, 343, 443, 435N, 313 for 45C, 334, 235, Massey Ferguson 1144 like new, 63, 43, 44, 24, 222, 421, 422, Gleaner L438, F430, F438, A430, K238, F335, F330, F335, K330, Int. 863, 864, 844, 843, 743, 227, NI 4 row 40" heads, Case 4 row 40", MF 44 & 43 Lo Profile, Int. 6 row, 30" for 503, NH 4 row 38" C.H. New JD 444 $7350, New JD 643 $12,500, used White 706N C.H.
New Int. 5088 fully eq. new Farmall 1586 w/radial tires and triple outlet for $29,500, Farmall 706 gas, 806 diesel w/cab original-Nice. 1206 real nice, new JD 4440 C.A. Quad w/radial tires, used JD 4230 w/R.G. and creeper gear, 2640, 2630, 1966-4020, 3020D WF and Diff lock. We have 5 JD 4020 side console diesels. MF 175D w/Loader, JD 2440 w/R.G. 2840 for $12,000, 1970 JD 5020, 4010D WF w/dual hydraulic, Ford TW20 w/cab w/220 hrs., damaged, give us an offer.
TRACTORS AND EQUIP. REC. THIS WEEK. JD 4640 power shift fully eq. w/300 hrs., like new; White 2-155 fully eq. like new; Farmall 1086 w/front wheel drive used 700 hrs., Farmall 826D nice original, New NI 324 picker w/super sheller list $15,390. Special $8,475. New NI 404 wheel rake; NI 2100 (Demo) liquid manure spreader list $11,300 Special $6450. Used JD 500 rd. baler; Farmall 706 w/310 German D w/cab, MF 1105 w/cab and air. Farmall 656 hydro D. w/cab, 400 w/P.S. and F.H. Farmall 1456 original; Farmall 560 gas w/F.H.; New N.I. 323 picker list $7,861 - SPECIAL $5495. only 1 left, JD 8630 fully eq. w/duals; JD 4020 D.W.F. Power Shift, Used JD 2940 real nice; JD 2520D, JD 50 w/227 mtd. picker, David Brown 885, MF 1135 w/R.G. and dual wheels, MF 285 D. Int. 656 utility Hydro D. D.B. 1200. Oliver 550 w/Loader, NH 890 2 row snapper head. JD narrow 30" 2 row crop head, like new. Used N.H. 354 Grinder Mixer, like new.
New 1 (SOLD) row JD corn head, Gehl 120 Grinder Mixer, MF 124 Baler, Case 1410D needs motor, Int. 510 18x7 drill.
TRACTORS 1977 JD 4230 cab, air, quad, real nice. JD 6030 C.A. Duals, real sharp; JD 6030 cab and duals, fair; JD 4320, JD 4010D, 1 owner original, Farmall used 986 cab and air, 1566 cab and air w/new T.A., Farmall 544 gas W.F. Farmall 706D WF & 3 pt.; NI 324 picker w/super sheller used 80 acres.
Int. 3588 - 2 + 2 w/dual wheels, used 530 hrs. like new for $29,500; JD 4020 W.F. power shift, good tires $7700; Case 1070 P.S. $6975; JD 4020D. W.F. D.L. Dual hydraulic & cab, JD4010 D. W.F. JD 4010 Tri D, Farmall 766, 706 w/310 German D. 1 owner original, real good. Oliver 1850D, Case 930 Standard, 460D w/F.H. AC 185D w/turbo nice-$8900.00 New Holland 770 w/2 row 30" C.H. NH 890 Harvester w/2 heads, (Summer Specials) New JD 4440 Sound guard body QR $34,800. Deutz 9006, Super H-985. Farmall 1086 cab needs repair come look and make offer.
CULTIVATORS - New Case 3 pt. 8 row Hydro fold. JD 4 row & JD 6 row rear, JD 215 13'9" disk used 2 days, New Int. 2250 loader
CORN PICKERS - NEW New Idea 325 w/12 roll bed, Used (2) N.I. 324 w/12 roll bed, (1) NI 325 N w/12 roll bed (325 N. w/sheller), NI 3 row 30" picker w/super sheller, New Idea shellers and Super shellers, N.I. 2 row 30" picker w/grinder. Int. 234 w/12 roll bed. NI 319 mtd. picker, JD 300 w/2 or 3 row C.H. Used NI 323, #10.
J.D. 7520 w/3 pt. & Dual Wheels. JD 4020 w/58 Loader, JD 4430 w/sound guard, cab and Q.R. for $15,500.00, JD 4320 w/cab.
Farmall - 1568 - V8 w/cab & air used 1000 hrs., 1566 w/cab, 1466 w/cab. 886 w/cab, 800 hrs., like new. 856D nice, Steiger Bearcat 4 whl. drive w/dual wheels and new motor in excell. cond.; Farmall 460 Gas w/F.H., Farmall 756 gas, Hi Crop- 656 diesel, 756, Cub Cadets 1650, 1450, JD 210, 200, 112, Farmall cub w/mowers, Farmall Super A w/cult, real nice.
HARVESTERS. Used JD 3960 w/long tongue and elec controls real nice for $7250, N.H. 770 w/2 row, Used Int. 720 - 2 row, for $4650. NH Super 717 1 row, J.D. 38 Chopper w/2 row, Fox 2 row snapper head. NH 770 1 row snapper C.H. Gehl 600 w/2" 30" & pickup head.
Fox 2 row 30" Silage Head, JD 1 row snapper head.
ALLIS CHALMERS New 7010 - coming in, 185 w/R.G. w/600 hrs., 7080 w/cab & duals $18,800, 7040 w/cab, power shift like new, low hrs., 210 w/new 20.8x38 tires, AC H3 Crawler w/blade and winch, AC 185D
JOHN DEERE New JD 4440 cab, air, power shift, $35,900. New JD 4440 cab, air Quad, used JD 4430 - 4 post, power shift, used 4230 cab, air, QR, nice, 1975 - 4430 C.A. QR. sharp. 4030, 5020 tractor puller, JD 2020 w/loader, JD 4030 w/R.G. and Quad. JD 60 w/P.S. JD 630 w/3 pt., JD. A. JD 70 w/P.S. & 3 pt.
FARMALLS: 1586 w/cab, w/800 hrs., fully equip. w/dual wheels and dual PTO real nice, used 1086 w/cab, air, 1 owner-looks like new; used 686 Dsl. w/1600 hrs., 966 black stripe w/roll guard, 1066 red cab & air, Used 686 w/cab & air, 1206 w/cab, 806 w/3 pt. & 38" wheels, Farmall 656 Diesel & 656 gas, Farmall hydro 70 w/w.f. and 3 pt., 826 hydro D nice. 756 WF 3 pt. original, 656 Hydro D. WF 3 pt. original.
Int. W9 gas w/pulley.
New White 2-105 w/cab $22,850. 2255 w/V-8 cat and new over and under shift.
MASSEY FERGUSON - 2805 24 spd. w/duals real nice, 1130, MF 180D. 175D w/loader Super 90 diesel.
(Case) New 2090 Cab & Air, power shift $23,950; Case 1410D, 1030D.
Oliver 1950T w/cab, 2050, 1855 w/20:8 tires 1800, 1850 w/cab, 1550 gas, Long 560D w/loader, Ford 6000 Commander, D, Ford 3000D, MM Vista 1000 w/cab and loader, MM S670 diesel.
1970 JD 4020 side console w/dual hydraulic (local owner) JD 2510 gas w/48 loader, Long 350D w/mtd. broom; Int. 460 utility w/loader, 1972 JD 4020 w/factory cab original, Woods 4 row stalk shredder.
N.I. 702 Uni tractors w/combines & 729 A and 729 Uni shellers w-3 & 4 row 30" and 40" heads. Used JD 13 to 15 ft. grain heads.
IND. EQUIPMENT - Int. 510 4 whl. drive payloader used 500 hrs. like new. Cat 933 crawler loader, Case 850 D dozer w/hydrl. blade, Skid Loaders - Bobcat Hydro 700. Ford CL40 Skid Loader.
Ford 4000 gas loader and backhoe.
PLANTERS Used JD 6 row Conservation, fully eq. real nice. New 7000 JD 4 row w/Inst., fert. & monitor $6950, used JD 7000 six row w/fert. fill, plateless, inst. w/minimum till & monitor, (new) White 5100 4 row planter w/monitor for 6850, N.I. 325 picker w/sheller. Used Case 13 ft. Disc w/new blades and dual wheels. (New Haybines,) Gehl 1090 9 ft. for $4800; (used haybines), MC 7' rotary scythe
New Holland 354 Gr. Mixer; Used John Deere 300 Husker, 68 Chev. Corvette Convertible.
Long 1199B 3 pt. backhoe like new; MF #246 Quick tach loader Like New, Holland #1500 3 row transplanter used 1 acre, used JD 444 corn heads from $2450, and up.
Cabs for JD and Int. Tractors. Used Int. rollguards. New Int. #4500-16½ ft. field cult.
Glenco 12 ft. 9" Soil Finisher like new.
Mechanics Special JD 4020 gas, power shift $3950.00.
New JD 8300 grain drills 21x7 double disk, Used Int. #510-18x7 D.D., Used Int. 510 18x7 S.D., Used Int. #10 18x7, JD B 20x7 D.D., Farmall 560 w/Int. 234 mtd. picker.
Planters - Int. 4 row #800 Early Riser, Oliver Planter 6 row w/no til fert. fill, inst.AC 4 row no til w/dry or liquid fert. Used JD 7000 4 row w/liquid fert. and minimum no till, Woods 120 offset cutter. NH pick-up heads for 770, 717, JD Disks #210. Int. #480-22 ft. Wing Disk, Badger 1500 gal. liquid tank spreader, New Westfield 30 to 60 ft. grain augers
PLOWS - Int. #720 5x18 reset like new, Ford 5x18 spring reset. Ford 3x18 sp. reset, JD 2500 6x sp. reset, JD 5x hyd. White 4X spring reset, 3 rollover plows - Int. #140 - 4x18, Oliver 4x16 rollover plows, New Brillion 21' hyd. fold packer, Used Brillion 15 ft. cultimulchers, Chisel plows - JD 11 ft. pull type Athens 7 and 10 ft. 3 pt., new Int. #80 snow blower; New Johnson loader.
Flail chopper, New Holland 38, 36 & Brady, Straw choppers for combines; JD 4400, 7700, 6600, MF 510, 550, JD 400 Gr. Mixer; JD FBB XX Disk grain drill; NH 365 Tank Spreader; NH 56 Rake, AC Rake.
Owatonna 200 haybine, JD 214 baler w/thrower, JD (SOLD) 40 spreader, Int. 400 4 row, & 6 row air planter for $975.00, White 5400 4 row no til, JD 1240 plateless, 8 JD 1250 and 1300 six row planters for $700 to $1450.
Used JD 400 15 ft. rotary hoes, New White. 14 ft. field cult., Kawanee 22 ft. Wing Disk, used Long 1199A 3 pt. backhoe, like new $3850.
Loaders - used JD 58 MF loader for 1105 Int. 2000 Loader, 3 pt. hitch for 630 and 730 JD tractor. New and Used J.D. Quick Couplers. 4 Used 30.5 x 32 tires.
(Combines for Parts) MF 510.
TRUCKS - 1979 Chev. C65 24 ft. rollback w/61,000 miles, like new, KW truck tractor fully eq. looks like new, Delta 44 ft. combine trailer, 1980 Silverado Chevy diesel w/every option, looks like new (New) NH Direct cut head for 770. (New) Kill Bros. gravity bins. New Kill Bros. 6 & 8 & 10 ton running gears. Pick up heads for Int. 550, 650, 350, Fox pickup head, (10) sets of dual wheels all sizes.
JD front & rear weights, IH front and rear weights.

For your needs call:
STITZEL FARM EQ. INC.
East Windsor St.
& Krick Lane
Hamburg, Pa. 19526
Phone Bus. 215-562-8377
home 215-562-7451

USED EQUIPMENT

- JD 6600 Gas Combine w/4 Row Corn Head, Excellent (SOLD)
- 1975 IHC 815 Diesel Combine w/810 platform, floating soybean bar, Either machine $15,000.00
  (This was a misprint last week)

JD 443 30" head
MF 63 6x30" head
JD 4430 Tra(SOLD)Cab & Air, 73 Model
IHC 1466 Tractor w/cab and air
MF 510 Combine
MF 4(SOLD)nbine
MF 30(SOLD)ombine
IHC 315 Combine w/2 heads
IHC 7(SOLD)mbine
Uni 709 4 wheel drive tractor
Uni 705 Diesel w/1200 hrs. 717 Combine
IH 2400 B Utility Tractor w/2250 Mount-O-Matic Loader
NI 319 Mou(SOLD)'icker, 12 Row
IH 234 Picker w/Husking Bed and Sheller
IH 756 Die(SOLD)ctor
2 Row Corn Head for E3 or Gleaner 3
IH 743 Corn Head
2 Row Head for JD 40, 45, and 55 Combines
Int 815 & MF 510 Quick Tack Combines For Parts

RAYMOND B. LEAMAN
Willow Street RD 1
Ph: Lancaster 717-464-2778
Midway between Lancaster & Quarryville
off Rt. 222 take Brenneman Road
at Graybill Bros. Garage, Refton.

FARM EQUIPMENT

JD 2520 diesel, dual hydraulics, wide front end. 814-793-4293

For Sale - Farmall M with rebuilt engine, $1100. Call after 6 p.m. 717-624-4262

For Sale - NH model 475 200 bu. manure spreader, good cond., $600. 215-445-6976

For Sale - AC 190 XT w/duals. 20x70 Harvestore silo. 609-723-2595

IH Cub with 14' rotary mower, $1850. 215-679-9010

Ford 32 horsepower model 26223C tractor new, never used or demonstrated, power steering, continuous PTO, diff. lock, high capacity 3 pt. lift, over sized tires, list price $12,294, paid $9000 moving to Florida, must sell, $7500 or best offer. call 215-347-2016.

JD 2030 diesel, A-1 cond.; also 2020 gas utility tractor, very good cond., can sell with or without loader. 717-532-7054

FARM EQUIPMENT

Used sawmills for sale. We buy and sell. Leroy Wray, R.D. 1, Douglassville, PA 19518. 215-385-3884

For Sale - 3 McCurdy gravity boxes mounted on AC running gear, exc. condition, $650 ea. Call Cecil Dairy Service 301-658-6923

For Sale - 510 MF Diesel combine, excell. operating cond., 13' grain head, $12,000. Baltimore Co. 301-343-0101

T340 International crawler, 4-in-1 bucket, ripper, good condition, $5,000. 814-674-8119

For Sale - Model 1830 Butler Oswald mixer w/scales, stationary model. 304-263-9801

For Sale - NI 2-row narrow corn picker w/12-roll husking bed, excellent condition, $3,600. '64 Chevy 30,000 G.V.W. grain dump truck, $3,000. 717-838-6783

JD 2030 diesel high clearance, low hours, good condition, $4,800. Serious calls only 717-532-8601

FARM EQUIPMENT

For Sale - NI 2 row corn picker, $400 or best offer. snow plow 7½' for pick-up truck $400 or best offer. Lanc. Co., Pa 717-872-8553

Farmall 656 hydro w/2250 mount-o-matic loader; IH 720 auto. reset plow, 5-16S, hillside hitch, spring loader coulters; IH 11 tooth chisel plow w/lever; Farmall 806 diesel, dual hydraulics, wide front, 18.4-38 tires; MC continuous grain dryer, electric or PTO; IH model 500 Cyclo corn planter, will plant 6-30" rows or 8-25" rows. 814-443-2193

IHC single axle tractor; Rogers Low Boy 25 ton heavy duty; Cat 55H power shift front end loader; Austin Western grader 99H; Root snowblower w/hyd. chute, used twice; 1976 Mack tri-axle w/18,000 front, 44 rears, 6 speed, actual miles 110,000; 977H Cat w/ripper and front end loader; one IHC 6 bottom Cuban disc plow, heavy. 717-922-1437 evenings. Union County

FARM EQUIPMENT

10 HP garden tractor and mower, 2 wheel garden dump trailer, Farmall Cub plow lever, 4 wheel wagon, 1949 Geepster convertible, kerosene heater, upright freezer. 717-442-4279

McCormick Power take off corn binder on rubber. McCormick 8' cut ground drive grain binder on steel. Case 22"x37" thresher on rubber. New Idea hay loader. All Equipment housed. 412-837-3777

For Sale - New Idea No. 7 1 row corn picker, 20 ft. grain elevator by Marlan Scheirer, RD#3 Bernville, Berks County, Pa. 19506 Phone 215-488-6366

Bulldozer blade to fit Steiger tractor, 6 way hydraulic angle, $2,500. 301-648-5442

NH mixer grinder, model #352, excellent condition, $3,200. 35' flatbed trailer, $500 or best offer. 215-935-9907 or 215-783-7533

FARM EQUIPMENT

Nelson Diesel 4WD loader w/cab $5500
DENNIS M. MILLER
Rt. 22 Grantville, Pa.
717-838-1888 anytime
717-469-0937 daily

Farmall M with mounted 2ME picker, good cond., $1300. 730 JD diesel electric start, $2900, good cond. Hershey 717-534-1253

Used Tractor Specials: JD 3020 Diesel Power Shift $6900, JD 4230 w/Sound Gard, dual remote and wts. $16,500, JD 2440 H.U. w/Roll Gard and enclosure - 600 hrs.-excellent, David Brown 1212 Power Shift $5900, 1945 JD Model "G" $975.00 March 1 Dating. Gutshalls Inc. Carlisle, Pa. 17013 717-249-2313

For Sale - JD 4 x 16 Semi-Mtd. plow; Allied #465 Six row 3 pt. cultivator; Case 14' transport disc; Int. 10' transport disc; 12' harrow; sheller attachment for Int. 234 corn picker; 8' cultipacker. 717-244-6735 York Co.

NH 269 baler. PTO and thrower with flail chopper head, $1600. York Co. 717-456-5245

For Sale - 6½ HP Lombardini diesel, very good condition, #375. Wisconsin engines, as-is or rebuilt. Gas or diesel engine repairs, reasonable rates. Benuel Beiler, R.D. 1, New Providence, PA 17560

John Deere 730 diesel with 4 14" mounted plows, $2,500. 717-248-2783

FARM EQUIPMENT

JD 3020 Diesel, power shift, wide front end. new front tires. 717-597-7476

3 row narrow JD 334 corn head. 717-382-4171

Wanted to buy - Used manure separator. 717-656-7305.

For Sale - John Deere Model 30 2 row potato digger. Oliver PTO 1 Row. 717-687-0102.

JD 2020 diesel. 814-793-4293.

530 JD 3 pt. and fenders, excellent condition. 814-793-4293.

JD 2040 diesel, wide front and 3 pt. 814-793-4293.

Hammermill Bearcat 10", heavy duty, with 10½" cutter head, like new, 5 screens. PTO. Make offer. 215-925-3336 Mon.-Fri. 8:30-5.

24 disk blades ¼" x 22" w/½" shaft, also 2 flat wagon body beds 8' x 16" call 215-678-5009.

For Sale - JD 237 mounted picker, good cond., $600, Adams Co. 717-677-8881 call between 7 and 10 p.m.

2010 John Deere loader on tracks with a ripper and cab. 4 cyl. D. runs good $5,900. Call 215-488-6527

Winco PTO generators - new 25 KW @ $1450.00; 35 KW @ $ 2050; 50 KW @ $3000.; 8 KW 2 bearing generators @ $775; 12½ KW 2 bearing generators @ $925. Call in Penna. 717-282-2342 or New York 607-798-8927

FARM EQUIPMENT

Wanted - Super 24 or 224 Silo-matic silo unloader to fit 14-16' silo. 609-397-0812

For Sale - New UFT 300 bu. auger cart and 4500 pound stainless fertilizer spreader 717-524-2473

For Sale - Farmway barn cleaner drive unit with a two H.P. motor runs counter clock wise. Ph. 717-935-2888.

Welder - HOBART 250 amps D.C. welder with 10 HP, LISTER diesel direct drive, 12V Electric starting on skid, very little used, $2,795 cash only, welder $795 cash. Byers Diesel Refrig., Star Route 655, Belleville, PA 17004.

New Idea 315 sheller unit that mounts on back of a 2-row mounted picker. Like new. 717-966-3579

For Sale - Combine, MF 760, excellent condition. Call 215-489-7839

1 Farmall "M" live PTO, excellent, $1,500. 1 Farmall "H", new paint, battery and seat, in excellent condition, $1,500. 1 Farmall "C", very good, $1,250. 1 IHC 440 baler and kicker, in new condition, $3,100. Call 301-357-8314 or 357-4073. Baltimore Co., MD. William N. Ensor, Parkton, MD 21120

Brushless Generators, PTO or diesel drive, power shafts and trailers, come in see them. Bylers Diesel Refrig., Star Route, Belleville, PA 17004

Summer Specials - Gehl 120 grinder mixer, excellent $3250; New 3 pt. blades 6 and 7', special discount; JD 7' pusher blades; NH Super 26 blower, excellent; New 6' bucket to fit Swartz or Oliver manure loader; 18' Steel rack bale thrower body in stock, special discount $1,025. White 316 plow, sharp; NH 53A bale thrower; McCurdy and Farmer Boy gravity bins in stock; 12' Supreme silage conveyor, used 6 months; Behlen corn crib, 15,000 bushel and 12,000 bushel; Round bale feeders w/floors; #56 JD Blower, 7' Woods rotary cutter, 11' Chattanooga cultipacker; 13' Brillion field cultivator. Pequea woodsaw in stock, 20' harvest handler elevator on wheels. Sales and Service on farm tires. DJ Implements, located in Reistville midway between Myerstown and Scheafferstown along Rt. 501 717-949-3074.

For Sale - Ford 8000 cab, air conditioning, dual 18.4x38 rubber, excellent condition. Taking offers. 215-383-6818

JD model BWA 19' fold-up disk harrow, scrapers, dual wheels, ready to work. $1500 301-695-8786

NI model 305, 2 row mounted corn picker w/12 roll husking bed and sheller attachment, ready for D17 tractor. Lancaster Co. 717-786-3437 or 717-786-4762

For Sale - 1980 Clark Bobcat skid loader, $6,500. 717-865-3488

Leyland 270 turbo-charged diesel tractor, 242 actual hours, 80 HP, cannot be told from new, $7,800 or reasonable offer. 814-364-9333 or 814-238-4957

For Sale - JD 148 loader w/wide bucket $1600. Also wide front end of JD 4020 $950 717-532-7054

JD 3020 diesel, w/new engine. 814-793-4293

For Sale - Ford 2 rw mtd. cornpicker for parts $100, 8 16 haywagon w/running gear $500, Ford 960 tractor needs work on motor $800, call 727-838-1894.

For Sale - Bobcat skid loader, model 610, few hours, Chester Co. PA 215-593-5952

For Sale - Miller Disk, 12½' heavy duty, in excell. cond., $5000 or best offer, after 6 p.m. 301-473-5456

Umberger's Of Fontana

RD4, Lebanon, PA (Fontana) 717-867-5161 or 717-867-2613
Mon.-Thurs. - 7:30-5:00; Fri. - 7:30-8:00; Sat. - 7:30-4:00

New Idea Announces Waiver of Finance Program Plus Rebates
on Selective Uni Equipment, Waiver til Aug. 1, 1983
on Corn Pickers, Waiver till Aug. 1, 1983
on Manure Spreaders, Waiver till March 1, 1983
on Round Balers, Waiver till June 1, 1983
Call for more details.

Come In or Call For A Hesston Tractor Demonstration

4 Year Motor Guarantee on All New Hesston Tractors

OUR DUTCH AUCTION IS BACK!

Prices reduced on all items daily (except Sunday) until sold

NEW EQUIPMENT

ITEM	STARTING PRICE	DAILY REDUC.	PRICE ON 11/1
7" x 41 Ft. Westfield PTO Auger on Transport	$1495.00	$ 2.00	$1315.00
17'8" Bush Hog folding Transport disc 24" x ¼ blades	$10,700.00	$13.00	$9530.00
11 ft. - 11 tooth 3 pt. 3 Bar 32" shank Brillion Chisel Plow	$2225.00	$ 3.00	$1955.00
SSP7-7 tooth Glenco Soil Saver	$5650.00	$ 8.00	$4930.00
1520 Hesston 2000 Gal. Liquid Manure Spreader w/brakes, demo	$9750.00	$13.00	$8580.00
STC - 16 Folding Wing 16 ft. Transport Brillion Field Harrow	$2595.00	$ 3.00	$2325.00
SFH - 113B Glenco 11' 3" Soil Finisher	$7100.00	$ 9.00	$6290.00
New Idea 402 - 5 bar rake w/rubber flex teeth and caster wheel	$2150 00	$ 3.00	$1880.00
SL3510 Gehl Skid Steer Loader 24 HP Gas, Water cooled, 54" Manure Fork, w/54" Material Bucket	$12,250 00	$16.00	$10,810.00
SL4600 Gehl Skid Steer Loader 44 HP Diesel, Water cooled, w/60" manure fork, w/60" material bucket	$16,675 00	$22.00	$14,695.00
80" 6 ft. 7" Pull Tye Drill w/acre meter, double disc openers, demonstrator	$7100 00	$10.00	$5300.00
10 ft. Pull Brillion Seeder w/acre meter & transport	$3195 00	$ 5.00	$2745.00

USED EQUIPMENT

9 ft. Brillion Pulvimulcher	$ 425.00	$ 1.00	$335.00
10 ft. Power Harrow Roteria 3 pt	$1995.00	$ 3.00	$1725.00
10 ft 10 tooth 3 bar Bush Hog Chisel Plow w/guage wheel	$1595 00	$ 2.00	$1415.00
729A Uni Sheller	$3750 00	$ 5.00	$3300.00

Ford 13' 4" Transport Disc new paint

Brillion 11' Packer w/two 4 Ft. Gang Packers

Kilbro Gravity Boxes In Stock

For Rent
Glenco 7 Tooth Soil Saver
NI Round Baler

MM H95 4 Row Narrow Corn Head (Same as Oliver 541)

Gehl FB 99 Blower
Kools KB54 Hopper Blower
AC Blower

JD 400 Grinder Mixer
Gehl 95 Mixer
Gehl 120 Mixer
Gehl 115 Mixer
Farmhand Mixer

High Moisture Ear Corn Adaptor Bundle for 767 Chopper

New 813, 13' Flex Husker Old price
New 717, 818 Combines Old Price

(3) JD Wagons
(2) Dion Forage Wagons w/third beater and roof
12 ton running gear

#310 NI Corn Picker
2 Row Wide Row Pull Picker
Wood Bros. 1 Row Picker
NI #7 Corn Picker
(2) Mtd. Corn Pickers w/12 Roll Bed

Used Uni Equipment
720, 726 Uni Husker, 727 Uni Husking Bed, 737 Uni Husking bed very clean ex. cond, 713S Flex Grain Platform, (2) 725 3RN Corn Heads, (1) 724 3RW Corn Head.

Think Winter!
BerVac 8' 3 pt. SNOW BLOWER (Demo)

JD 3020 Tractor w/NI 2R Mtd. Picker and 12 Roll Bed

NH 512 Spreader w/Hydraulic Gate

NEW EQUIPMENT

TRACTORS
JD 650 MF WD
JD 850
JD 2040
JD 2440
JD 2640
JD 2940 w/SG
JD 4040 w/RG & QR
JD 4240 w/SG & QR
JD 4440 w/SG & QR

TILLAGE EQUIPMENT
JD 215 11'5" Disc
JD 235 19'11" Disc
JD RM4 Cultivator
JD 2800 5B Plow
JD 1250 3B Plow

OTHER EQUIPMENT
JD 145, 146, 148, 158, 260 Loader
JD 506, 606, Mowers
JD 965, 1065, 1075 Wagons
JD 78 Blade
JD 392 Spreader
NH 513, 519, 679, 795 Spreader
NH 14, 230, Wagons
Century 300 gal. Sprayer
Century 500 Gal. Sprayer
Hub 36' Elevator
DeLaval Manure Pump

COMBINES & HEADS
JD 213 Flex Platform
JD 444 Corn Head
JD 4420 Combine

PLANTING EQUIP.
JD 7000 Cons. Pltrs. 4R & 6RN

HAY TOOLS
JD 1209 Mower Cond.
NH 474 & 489 Haybine
Thrower for 320
Matthews 9E Rotary Scythe
JD 327 & 347W Balers
NH 847 Round Baler
NH 38 Crop Chopper
NH 311 Balers

USED EQUIPMENT
Ford 1300 w/front blade
JD 4230 Tractor w/RG
NH 791 Manure Spreader
NH 320 Wire Baler w/hydraformatic & quarter turn chute
AC K2 Combine
IH 990 7' mower-conditioner
JD 244 corn head

SPECIAL OFFERINGS
No. Trade Prices

JD 327 Baler w/ejector..... $7,500
NH 847 Round Baler w/auto wrap $7,950
NH 679 Manure Spreader w/end gate $6,400
NH 38 Crop Chopper $4,900

DE LAVAL™
14 USED #200 UNITS FOR PARLOR USE

SPERRY NEW HOLLAND
WAIVER OF INTEREST ON MANY ITEMS
I. G. SALES
JOHN DEERE
DeLAVAL JAMESWAY
Silverdale, PA 18962
215-257-5135
Quonset Buildings

FARM EQUIPMENT

JD 4020 power shift, dual hydraulics, wide front end, excellent condition. 814-793-4293

White 2-105, cab, air conditioning, radio, dual hydraulics, 540 & 1000 shaft, 1300 hours, 814-793-4293

HORSE EQUIPMENT
Oliver 2B 12" Raydex Plow
NI 206 Manure Spreader
JD KBA 20 & 24 Disc
JD 9' Spring Harrow
NH 455 7' Trailer Mower
IHC 100 7' Trailer Mower
MC 7' Rotary Scythe
NI 10' Fert. Drill
ELEVATORS
Stoltzfus 24'
NH 30' Corn and Hay
TOM WHEARY
Lancaster, Pa.
717-687-0102

JD 4020 diesel, 38" rubber, dual hydraulics, top link and wide front end, 2800 hrs. 814-793-4293

JD 4400 combine Diesel, 4 row narrow, 13' grain platform, excell. cond. $20,000. 717-532-6880

Will buy & sell all types of horse drawn equipment 215-593-5754

JOHN DEERE

JD 4030 Tractor
JD 4020 Tractor P.S. W.F.
JD 4020 Tractor WF
JD 4010 Tractor propane
JD 3020 Gas Tractor
JD 3020 Tractor WF
JD 2640 Tractor w/145 Loader
JD 850 Tractor
JD MT Tractor w/plow, Cultv. and Mower
JD 60 Tractor
JD 60 Tractor
JD A Tractor
Farmall M Tractor
Farmall H Tractor
IHC M Tractor
IHC Super M Tractor
Ford 1841 Tractor w/loader
JD 170 Skid Steer Loader
JD 1209 Mower Conditioner
JD 336 Baler w/ejector
JD 24T Baler w/ejector
JD 7000 6R Consv. Planter w/Liquid Fert.
JD 1240 4R Plateless Corn Planter
JD 1440 No Till Corn Planter
NI 325 2R Corn Picker
JD 3800 Chopper w/2R corn head
JD 35 Chopper w/2R corn head
JD BWA Disc
JD B Plane 15 Disc Grain Drill
JD 8250 14x7 Grain Drill
JD FB Grain Drill
JD 8350 18x7 Grain Drill
JD 6620 Sidehill Combine w/215 Flex Platform & Cornhead
JD 7700 Combine
JD 7700 Combine w/643 Corn Head & Platform
JD 6600 Combine w/15' Platform
JD 6620 Combine w/643 Corn Head & Platform
Gleaner A Combine
JD 709 Rotary Mower
JD 110 Chuck Wagon
JD 115 Chuck Wagon
JD 125 Chuck Wagon
NI 279 Cut/ditioner
JD 2800 6B Plow
JD F145 4B 16" Plow
JD 145 6B Plow
JD 1450 5B Plow
IHC 5B Plow
IHC 6B Plow

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Whiteford, MD 21160
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For Sale - JD 4020 diesel, power shift and wide front, 18x4x38 tires, w/complete M&W turbo charger kit, including oil pans, radiator, shroud, fan, oil filter and heat gauge, low hours, in A-1 condition, $7,500. 717-532-8601

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JD 494A Planter
JD 694A Planter
JD 4400 Combine
JD 105 Combine
JD 727 rotary mower
JD 7000, 8 row, 30" corn planter w/Liquid Fertilizers and Monitor
JD 1250 corn planter
JD 485 mower conditioner
JD 3800 Chopper
JD 2450-6 Btm. on Land Hitch Plow
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NEW EQUIPMENT
JD 7100 8-row 20" bean planter
JD 215 Disk
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2-55 tractor
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588 5 Bot. SAR Plow
598 6 Bot. SAR Plow
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FB 99
CB 1000 For. Harv. w/2-Row Corn Attach. & Hay Attach.
3510 Skid Steer Loader

Gehl 1400 Round Baler (Demo) $6300

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No. 177 41' Elevator
No. 213 Spreader
No. 243 Spreader
No. 244 Spreader
No. 245 Spreader
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325 Cornpicker w/327 Husking Unit

New Little Giant Portable Rollaway Elevator $775

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218 NI Spreader
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Gehl CB 600 Harvester w/2 Row Head
NH 880 Harvester w/3-Row Head
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Gehl 910 For. Box

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IH 706 Gas
Oliver 1600

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IH 715 Combine, 13' grain & 3 Row Corn Head
Fox Super D2R Head & Pickup
Fox 3310
Fox 3000
Fox 299 80" Flail Head
Field Queen Side Dump w/Det. engine, 3R Head & Pickup
JD 3800
Gehl 600
NH 890, Like New

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NI 725 3R Head
6"x40' Elec. Auger
14' JD Flail Mower
IH 480 13' Disc
IH 55 12' Chisel Plow
Arps 70' hvy. duty hyd. Angle Blade
Lely Double Wheel Rake 18 ft.
JD 1240 Planter
IH 400 4R Planter
Hesston Stackhand #10
NH 26 Blower
Farmhand Recutter Blower
NH 489 Haybine
Hesston 1010, 1014, 10 & 12 Ft. Hydro Swing Windrower
Bush Hog 24' Soil Finisher
Glencoe 13 Shank Soil Saver
NH 442 Disc Mower
Woods 20' Bat Wing
NI Side Dump Wagon
Dion Fg. Wagon 3 btr. & roof
IH 51 wagon, 3 btr. & roof
NI 270 Cut Ditioner

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Ford 3400 w/Backhoe
Ford 1200 w/Loader
Ford 1100 repossessed 4WD w/loader
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Ford 535 Tractor/Loader/Backhoe
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Ford 8N
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Case DC
Case 680 C Tractor/Loader
Ferguson 20
Massey Harris 44
JD 2510

EQUIPMENT
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JD 34 Harvester, 1 row head
NH 717 Harvester, 1 or 2 row head
NH 616 Harvester
NH 770 Harvester, elect. controls
(2) NH #23 Blowers
Ford QT 772 Loader
NH 479 Haybine
NH 469 Haybine
NH 78 Baler w/thrower
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NI Wheel Rake
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NH 516 sgl. btr. spreader
JD spreader
IH 155 spreader
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JD 1207, 1209 Mower Conditioners
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Farmall H, MD, Super M Tractors
JD B Tractor
JD 520 Tractor
JD 720 Tractor
JD 3010 RCU Tractor
Ford 8N Tractor
JD 494A Planter
IHC 350 Mulch Packer
IHC 540, 550 4B Plows
JD F125 6B Plow
Ferguson 2B Plow
JD AW Disc 12'
Woods Cadet 60 Pull Type Mower
NH 6' Cutter
JD 507 Cutter
MF 41 Sickle Bar 3 pt. Mower
Mayrath 40' Elevator
NI Hay Rakes on steel

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AC 4R corn hd.
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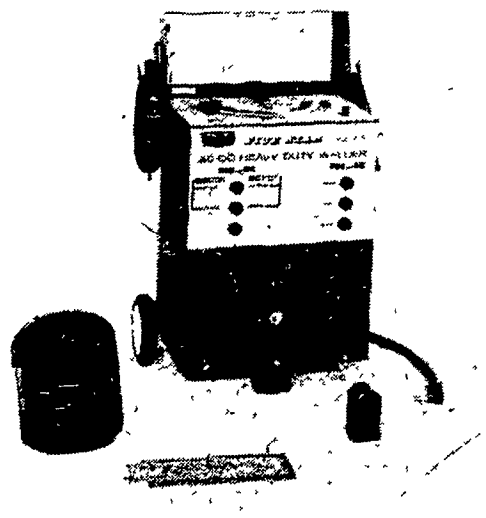

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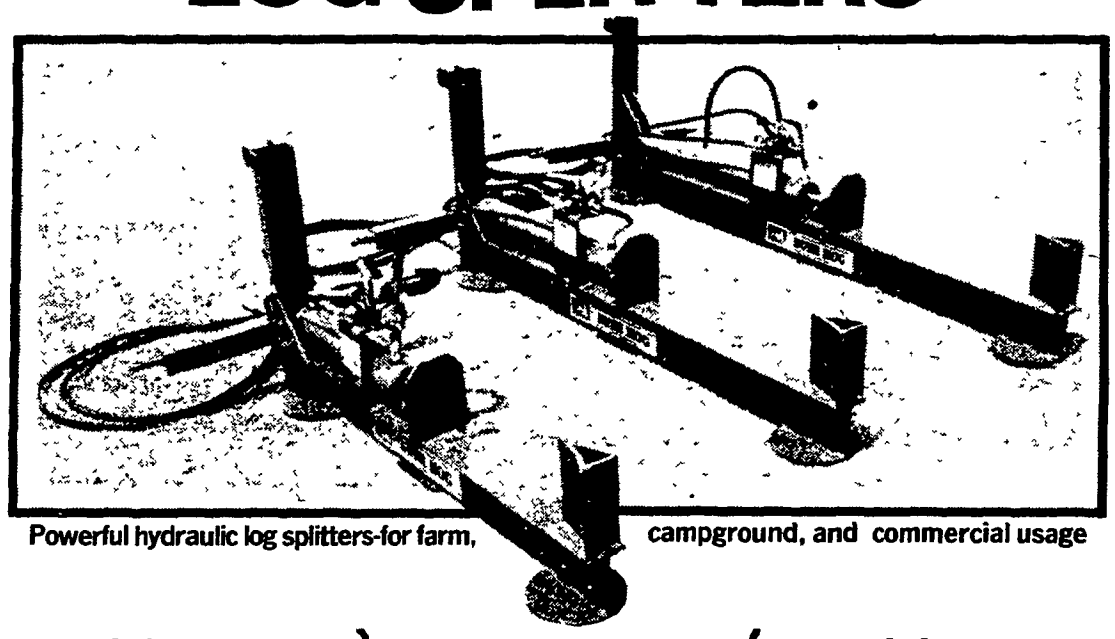

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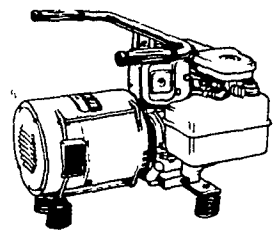

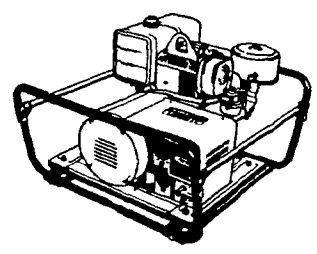

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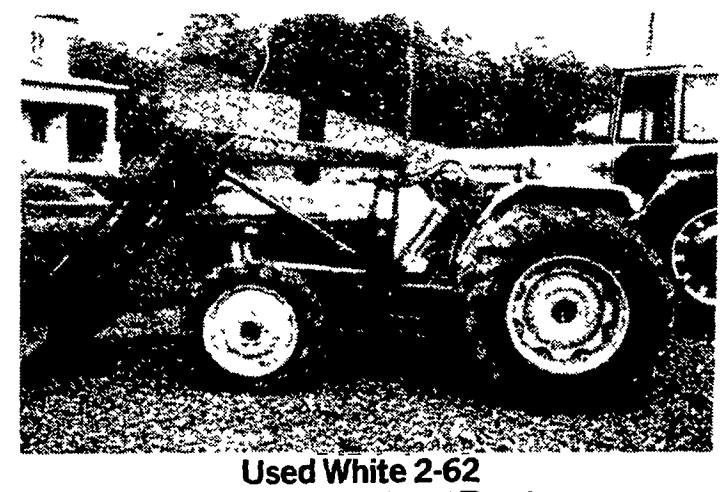

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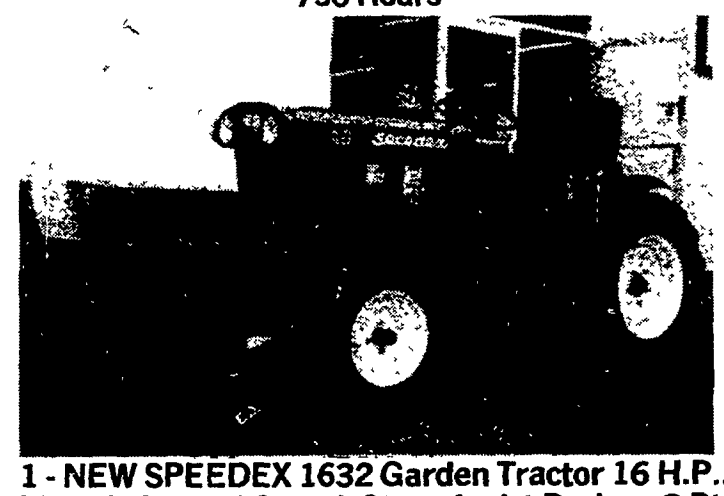
750 Hours



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Ford 7000 w/Load Monitor
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Ford 3400 w/Loader
Ford 3000 G 8 Speed
Ford NAA Hi-Lo Trans.
Ford 901 w/2R Picker
Ford 800 PS
IH 666 D WFE
IH 504 G, 3 pt.
IH 454 Dsl.
IH M w/PS
IH Cub w/mower
AC 5040
AC 160D
AC D17G Ser. IV
AC B w/Equip.
AC G w/equip.
MF 235 G, PS
MF 135 G Live PTO
Ferguson 30 w/Loader
Oliver 77 w/hydraulics
Oliver 70 w/cultivators
Oliver 660 w/hydraulics
JD 3010 Diesel
JD 2640 WFE
JD 2510D
JD 2010 Gas
JD B w/cultivators
Satoh w/Woods mower
MH Pony w/cults.

EQUIPMENT

NI 323 Picker
IH 2 MH Picker
Ford Post Hole Digger
JD Flail Mower
JD 115 Wagon
NH Flail Chopper
MF 33 Grain Drill
NH 477 Haybine
JD #34 Chopper

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$2750
GEHL 4300 SKID LOADER w/2 buckets
$11,500
MF 129 Chisel Plow 10' Pull Type
$2,295
Moridge Grain Dryer 400 Bushel
$6,950

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MF 285

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Pittsburgh 8' Disc
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NH #36 Crop Chopper
MF #35 Rake
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MF 300 Combine
NH 962 4 RW C.H.

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NH L35 Skid Loader
IH 13 Disc Drill
Ontario Disc Drill
NH 513 Manure Spreader

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MF 540 diesel combine $10,000
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MF 15' table w/floating cutter bar
MF 13' Util reel
MF 15' Util reel
MF 22 bale thrower
MF 520 disk, 22" 12' scraper
MF 39 planter, 2 row
MF 640 planter 4 row

USED EQUIPMENT

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Case 470 diesel tractor w/loader
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MF 10 baler
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Ford baler
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JD 125 Skid Steer Loader Gas $12,500
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IH wide front, fits 706, 806, 756 & 856
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AC B w/plows and 1 rw. cultivator
Ford 901 PS/3 pt new tires
IH 300
IH 240 w/fast hitch, $1,350
IH 560 Diesel
MF 85 wide front

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1970 IH w/24' bed
1967 IH w/dump, air brakes $1850

PICKERS

NI 10 w/rubber rolls
2 Woods Brothers
NI 7 picker
NI 300 2R pull picker
IH PR 2R pull picker
NI Uni grain head
NH wagon w/220 gravity box

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JD 6 row 30" $1200
IH 227 corn head
AC C2 4 row corn head
MF 3RN corn head fits 300 or 410 combine
MF 4 row fits 410
MF 2 row fits 300
JD 4 row fits 105

COMBINES

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Harvesters and Corn Heads for Parts
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Ford 7000, 3400 w/loader, 2000
MF 175 diesel, 1100

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JD 4400 diesel
JD 45
JD 6600 diesel w/hydrostatic drive
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IH 6 row
NI 4 row N

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NH 273, 275, 276, 278 balers
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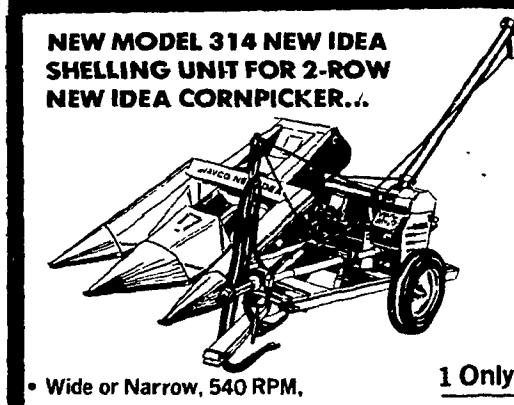

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$1,995

Grain Drill Special!

MODEL 1300 ONTARIO 16x7 SINGLE DISK FERTILIZER GRAIN DRILL

- Rubber Grain Tubes, Foot Boards, Anti-Friction Disk Bearings, Fertilizer & Grass Seed Attachment, Drag Chains, and Acre Meter...

$3995

Sales & Service On:
- Ford
- New Idea
- New Holland

Call Ray or Ed
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or
(301) 879-1434

WALTER G. COALE, INC.
2849-53 Churchville Rd.
Churchville, Maryland

NH 273 Baler, SS pickup, engine . $2450
NH 269 Baler w/thrower $1575
NH 273 Baler $1550
NH 1469 S.P. Haybine Ford PU . . $3550
NH S717 Forage Harvester
NH 717 Forage Harvesters
NH 880 N2, N3, R2 Cornheads
IHC 550 FG. Harvester w/pickup & 2R Adj. Heads. $850
(2) NH 518 Spreader w/hyd. endgate . . . . . $1375 to $1750
JD 44 Spreader $350
NH 479 Haybine $2290
AC Hopper Blower
Ford 250 Baler $475
NH 269 Baler $1095
Call for prices on other equipment

SPECIAL PRICES ON NEW

NH 707 & 892 Forage Harvesters
NH 2R Adj. Heads, Special Price
NH 3R Head Auger & Pickup
NH L35, L325 Skid Loaders
NH Mowers, & Rakes
NH 230, 234 Wagons
NH 513, 519, 800 Flat Bed Spreaders
NH 367 210 bu. tank spreader
3200 gal. Spreader with injector, Rental
Skid Loader Rentals
Zimmerman Elevators
Pequea Tedders

AUTHORIZED
SPERRY NEW HOLLAND
PARTS and SERVICE
STARLINE VANDALE ROYA.
BRUBAKER
SALES ★ SERVICE
Phone: 717-626-7766 or 626-1859
700 Woodcrest Avenue, RD3, Lititz, PA

Ford Tractors Equipment · AVCO NEW IDEA · HESSTON

SPECIAL
New NI 323 Picker

USED EQUIPMENT

Ford 5600 Diesel
Ford 3000 Diesel
Oliver 1850
Oliver 5 Btm. auto reset plow
IH 540 4B Semi-mtd
Bush Hog 12' Disc Harrow
NH Bale Elevator
(2) White 5400 4R Planters
Noble 25' Field Cultivator
NI 402 Rake
Ford 2R 309 Planter
Ford 501 Rr Mower
White 8700 Combine Dsl Hydro, air
White 8600 Combine, dsl hydro, air
NH 320 Baler
1068 Haybuster no-till drill (demo)
Fox 728 2R Corn Head

We are Your Certified Better-Bilt Dealer

STANLEY'S FARM SERVICE
RD Box 46
Klingerstown, PA
717-648-2088

FARM EQUIPMENT

USED FARM EQUIPMENT

IH 21x7" soybean special drill w/double disc openers, dual rib press wheels w/depth control, John Blue pump, rear spray tips for herbicide spraying, $4,000

IH 4C0 Cyclo 4x36" no-till planter w/liquid fertilizer tanks, John Blue pumps for fertilizer and herbicides, Gandy insecticide boxes, $2,000

2 FMC model 5 2 row sweet corn harvesters with a lot of spare parts

100' Badger 12" auger feeder w/heavy duty drive, $500.

F.O. Mitchell & Bro. Inc.
Perryman, MD 21130
301-272-3636 day
301-272-2620 night

FARM EQUIPMENT

SAME · AVCO NEW IDEA

FOR SALE

SAME Saturno 80-80 hp, 4 WD tractor, 920 hrs., w/Hardy loader, $11,985
Case tractor, 870, 12 spd., ps trans., good cond., $8600
Stauffer 16' 2 btr. forage box with 8 ton gear, good cond. $990
Coby 14' 3 btr. forage wagon w/roof, $1575
Dion 60" forage blower, good cond. $1385
Artsway 154-54" forage blower, NEW $1600
N.I. forage blower, model 620, 54"fan, good cond. $875.
NH model 469 mow-ditioner, $2,560 good cond.
Wic bedding chopper, model 7910, 5 h.p., $1100 (Demo)

HEISEY FARM EQUIPMENT, INC.
RD 1 Jonestown, PA
717-865-4526

FARM EQUIPMENT

case

Case 2390 Tractor 1982, Fully Equip., 100 hrs. Dual Wheels, Traded for other Machinery
Case 580B Loader/ Backhoe in Ex. Shape
1980 Massey Harris 450 Round Baler
Hesston 5600 Round Baler, traded for larger model.
JD 24T Baler w/thrower
Plus NI cut/ditioners & mow/ditioners, tractors & spreaders in stock at Good Prices.
Interest waiver on all new and used equipment till March 1, 1983.
On New Idea Equipment till June 1, 1983

C. & P. FULTZ EQUIPMENT
RD 1 Spring Mills, PA
(814) 422-8807,
Ask for Paul

FARM EQUIPMENT

NH 770 FORAGE HARVESTER WITH 2 ROW CORN HEAD AND HAY PICKUP, ALSO HIGH MOISTURE CORN ATTACHMENT.

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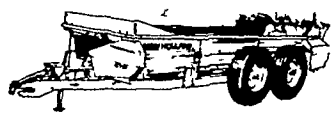
USED FARMHAND GRINDER-BLOWER

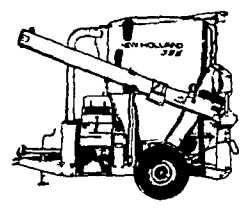
Tractors

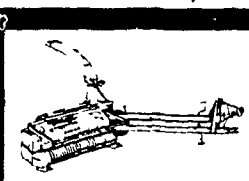
AC 440, 4 Whl. Drive, Demo., like new
AC 190
AC 180 — IH 504
AC D19 — IH 300
AC 7030 — IH 450
AC 7040 — IH 340
AC 7050 — IH H
AC 7000
JD 2010 — JD B
JD 4010 — JD A
JD 70
Ford 4000 G
Ford 4000 D
Ferguson 65G
Ferguson 65D
Case 300 w/Loader
Case 800
Used Kubota 245 w/Loader, FWD
Used Kubota 245 FWD
Kubota 5100
Kubota 6100
Kubota 7100
New Gleaner L Combine
Used Miller Discs 8½', 10'
New Rotary Scythe
Used Rotary Scythe w/engine

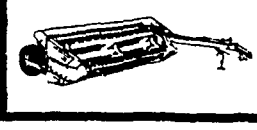
GRUMELLI FARM SERVICE
Quarryville
Phone
717-786-7318



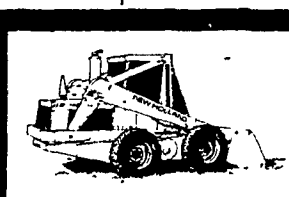
MANURE SPREADERS and GRINDER MIXERS
FREE FINANCE
Until April 1, 1983
or
5% CASH REBATES
Program ends Oct. 31, 1982





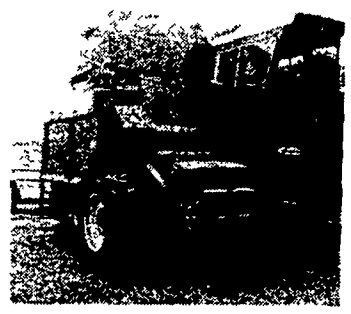


HAY TOOLS and FORAGE EQUIPMENT
FREE FINANCE UNTIL JULY 1, 1983.
or
10% CASH REBATE
Program ends Oct. 31, 1982

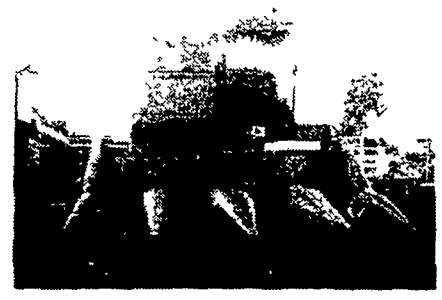


SKID STEER LOADERS
INTEREST FREE
TILL APRIL 1, 1983

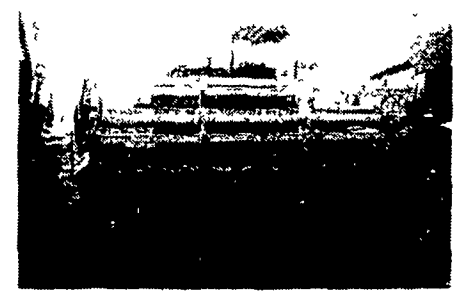
Model 555 Skid Steer Loaders
PLUS $500 Extra For Your Old Skid Steer Loader



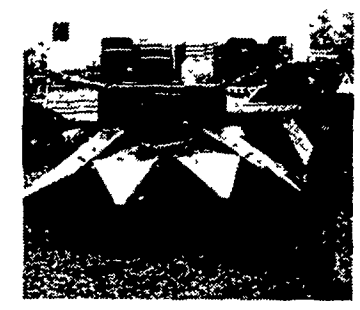
NI 708 Turbo Diesel
717 Combine, 713S 13' Flex Grain Platform,
844N 4 Row Corn Head



JD 4400 Gas Combine w/ JD 444 4 Row Wide Corn Head & JD 213 13 Ft. Grain Platform



JD 3300 Diesel w/3 Row Narrow Corn Head & 13 Ft. Grain Platform



IH 830 Harvester w/3 Row Narrow Corn Head
Wide Hay Pickup

TRACTORS
Case 1270, 135 HP, Low Hours
JD 630 G Tractor on steel
Ford 8N
Ford 8N
IHM w/Super M Kit
JD 3020 G Power Shift
JD 950 tractor (like new)
IH 1066 Diesel w/Cab
JD 2040 Diesel, 390 Hrs.
IH 1456 Diesel WFE, Low Hrs.

COMBINES AND ATTACHMENTS
JD 244 2 Row Wide Corn Head
JD 444 4 Row Wide Corn Head
NH 962 N4 Corn Head
NH 962 N6 Corn Head
NH 960 13' Flex Platform
JD 444 4 Row Wide Corn Head
JD 213 13 Ft. Grain Platform

BALERS
MF 12 Engine Baler
JD 24T Engine Baler
NH 276 Engine Baler
NH 268 Baler
MF 12 Baler
JD 14T
NH 268 Baler
NH 273 Baler w/53A Thrower
NH 270 Baler
NH 273 Baler
NH 271 Baler

HARVESTING EQUIPMENT
NH 1890 Harvester w/890A Auger Base and 890N3 Corn Head
Badger 214 Forage Box w/Running Gear
JD one Row Corn Head
NI 325 2 Row Narrow Corn Picker with 314 Shelling Unit and Engine on Steel
Zimmerman 32 ft. Elevator
John Deere 36 ft. Elevator
NH 880 N3 Corn Head
NH 770 R2 Corn Head
NH 880 N3 Corn Head
NH 717 R1 Corn Head
NH 707 3 Pt. Harvester w/1 Row Head
NH 880 Harvester w/880 R2 Corn Head
NH 707 Harvester, 3 Pt. w/1 Row Head
NH S717 Harvester
NH 717R1 Corn Head
NH 717R2 Corn Head
IH 1 PR Corn Picker
NH 822 - 2 Row Corn Head
NH 822 - 2 Row Corn Head
NH 880 R2 Corn Head
NH 880N2 Corn Head
NH 38 Crop Chopper
NH 718 Harvester w/770 N2 Corn Head
NI Uni System Corn Picker w/2 Row Wide Corn Head and 12 Roll Husking Unit
Fox 728 2 Row Corn Head
NI 325 2 Row Narrow Corn Picker w/327 Husking Unit
Fox 2300 Harvester w/2 Row Wide Corn Head & 6 ft. Hay Pickup

SPREADERS
NH 518, 210 Bushel
NH 512, 171 Bushel
NH 675, 275 Bushel
NH 790 Spreader
NI 218
NH 675, 275 Bushel
NH 676 Spreader
Badger 1500 Gal. Liquid Spreader
NH 510T - 3 Beater Spreader

SKID STEER LOADERS AND ATTACHMENTS
NH D-100 Backhoe
NH L-35 Gas
Mustang 1200 Gas

BLOWERS
Badger 54 Blower
Kools Blower

TILLAGE
JD Cultivator, front mounted w/Rear Rig
Oliver 251 Disk 10 ft. 28 Disk
JD KBA Disk
JD 145 Plow 2 Bottom
Oliver 5 Bottom Hydraulic Reset Plow
Oliver 10 ft. Disk Harrow
JD Killiffer Transport Disk
Bearcat 10' Roller Harrow
IH 5 Bottom 16" Trip Plow
IH 3 Point Hitch Rotary Hoe, 12 ft.
JD Spring Tooth Harrow, 3 Section
JD 422 - 2 Way Plow, 3 Point

HAY TOOLS
JD 506 Rotary Cutter
NH 451 3 pt. Mower 7 ft
NH 404 Hay Conditioner
JD 25 ft. Bale Carrier

USED PLANTERS & DRILLS
JD 1240
Auger Fill Attachment for Dry Fertilizer on 4 Row Planter
(2) JD 80 Plateless Units
IH 56 4 Row w/fert & Insect
JD 1240
JD 494A
JD 1240 Plateless

MOWER CONDITIONERS
NH 479 Haybine 9 ft.
NH 479 Haybine 9 ft.
NH 479 Haybine 9 ft.
JD 1209 Mower Conditioner 9 ft.
JD 1380 Mid Pivot Windrower Conditioner 12 ft.
NH 469 Haybine 9 ft.
Owatonna 270-275 SP Hydrostatic Windrower Conditioner
NH 469 Haybine, 9 ft.

MISCELLANEOUS
Heavy Duty Dozer Blade for White 2-150 Tractor
Ag-Teck Front Blade

AVCO NEW IDEA · SPERRY NEW HOLLAND · JOHN DEERE

ABC GROFF, INC.

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Thurs., Fri. 7-9
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OUR TRUCKS ARE RADIO CONTROLLED

FARM EQUIPMENT

FARM EQUIPMENT

FARM EQUIPMENT

TRACTORS
- Case VAC
- Case 870 Tractor
- Case 930 Tractor CK
- Case 430
- David Brown 990 w Loader
- Oliver 500
- Oliver 880
- Oliver 1750
- White 2 105 Tractor
- Int 656 Tractor

LOADERS
- Case 1816 Skid Loader
- Case 450 Crawler Loader
- Case 450 Crawler Dozer
- Dunham Lehr Loader
- IH 3200 Skid Loader

TILLAGE
- Case 6 Bot Plow, 20
- Case Disc Harrow, 10
- Case Disc Harrow 12
- JD 12' Disc Harrow
- Oliver 2 Bot Trailer Plows
- Brady Field Cultivator
- Oliver 4 Bot Mtd Plow
- Used Cultipacker

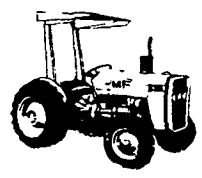
HARVESTING EQUIPMENT
- Case 600 Combine w/3 Row Head
- NI Unisystem 702 Tractor, 710 Combine & 760 Harvester
- NI 709 Uni System
- NI 315 Gathering Unit
- NI 316 Husker
- NI 315 Sheller
- NI 729A Sheller
- NI 727 Husking Bed
- NI 767 Super Chopper
- NI 737 Cornhead
- NI 323 1-Row Corn picker
- NI 2 Row Cornpicker
- Int Mtd Picker, 2 Row
- IH 550 Harvester w/Pickup
- JD No 25 Harvester
- Case 300 Harvester
- JD Chopper
- NH 717 Harvester
- Kools Forage Blower
- Gehl 1200 Harvester w/pickup and 2 row cornhead

HAY EQUIPMENT
- NH 488 Windrower
- NH 469 Windrower
- Hesston PT 10
- Hesston 1090 Windrower
- Dump Rake
- 3 pt Hookup Mower
- Bale Thrower Wagon
- Case Hay Rake
- JD Hay Rake
- NI Hay Rake
- NI 456 Round Baler
- JD 141 Baler w/thrower

MISCELLANEOUS
- Ford 4 Row Corn Planter
- JD 2 Row Planter Pull Type
- IH 400 Corn Planter 8 Row
- 10 Used Spreaders
- NI 218 8½ ton Spreader
- Potato Grader

SPECIAL
• 8 USED WINDROWERS!
• NI 456 Round Baler
$8,500

ZIMMERMAN'S FARM SERVICE
Bethel, PA
Phone 717-933-4114



MF Massey Ferguson

TRACTORS & EQUIPMENT

IH Farmall Super H Tractor
Ford Loader for Ford 2000, 3000 and Any to 8N
IH 460 Tractor w/Loader
AC D17 Dsl. Tractor
MF 50A Tractor, Loader, Backhoe
MF 275 Tractor
MF 3165 Tractor w/Loader & Cab
MF 40 Dsl. Tractor and Loader
NH 489 Haybine
NH 892 Fg. Harvester
NH 718 Harvester w/822 Head & Pickup
NH 36 Crop Chopper
NI Cut/ditioner
IH 440 Baler
NH 270 Baler w/thrower
NH 269 Baler w/thrower
NH 1010 Bale Wagon
NH 510 Manure Spreader
NI 213 Manure Spreader
AC 516 Plow
NH 451 Mower
IH Rake

NEW M.F. EQUIPMENT

MF 520 disc harrow
MF 275 Tractor
MF 285 Tractor
MF 245 Tractor
MF 265 Tractor
MF 210-4 Tractor
MF 50C w/Loader
MF 40B w/Cab
MF 40B w/Cab
MF 30B w/Cab
MF 20 Turf Tractor
MF 124 Baler
MF 34A Loader
MF 34A Loader
MF 32 A Loader
(2) MF 216 Loader
MF 300A Loader
MF 640 Corn Planter
MF #43 2B Plow
MF 820 Disc Harrow
(2) MF 320 Disc Harrows
MF 226 Scraper Blade
MF 227 Scraper Blade
MF 124 Baler w/Thrower
MF 218 3 pt. Rotary Cutter

S.G. LEWIS & SON, INC.
R.D. 2 Box 66 West Grove, PA
215-869-2214

NEW HOLLAND FREE FINANCE
HAY & FORAGE JUNE 1, 1983
NEW COMBINES NOV. 1, 1983,
USED COMBINES AUG. 1, 1983
NEW & USED GRINDER MIXERS
APR. 1, 1983

NEW EQUIPMENT
Depressed Prices
Overstocked Inventory

NH 488 haybine 9'
NH 880W pickup head
NH 822 2 row heads 38"
NH 38 crop chopper
NH 80 bale mover
NH 132 bale carrier, 17'
McConnell 14' forage box
NH 13' rigid grain head
NH 962 W4 corn head
NH 513 & 519 manure spreaders
NH 892 Forage Harvester w/metal detector $11,500
NH TR85 combine w/Cat engine $53,500

USED EQUIPMENT

NH 285 baler
NH 275 baler w/thrower
NH 275 baler
NH 479 haybine

SPECIAL PROGRAM Till DECEMBER 31
12 MONTH CONTRACT
AT NO INTEREST CHARGES

Renting skid steer loaders

ABRACZINSKAS
Farm Equipment, Inc.
RD1, Catawissa, PA.
717-356-2323
(south on Rt. 42)

New & Used Equip.
3F Oliver rollover plow
Farmall 886 D w/ROPS, 460 hrs.
IH 990 mower conditioner
NH #461 mower conditioner
#50 IH stalk shredder
Farmall 986 D w/cab, approx. 1275 hrs.
NI #323 cornpickers, new. Call for price.
JD model 105 combine w/4 row wide head, w/6 row narrow & w/13' grain head, nice.
IH 715 Hydro combine w/860 hours, real sharp

L.L. ECKROTH FARM EQUIPMENT, INC.
RD2, New Ringgold, PA
717-943-2367

---

bobcat POWER KING

USED EQUIPMENT

This Week's Special...
IH F1066D TRACTOR
Cab & Air, Excellent Cond.
Call For Price!

Tractors
Farmall H
Farmall M
Case Model 450 crawler
IH F1066D
F460 D
IH F544
F986D
IH F1256
MF 255
Ford 900
Oliver 70
Oliver 550 w/Loader

Plows
IH 211 2F 16
IH 311 3F 16
IH 411 4F
IH 550 5F
IH 560 6F
IH 700 6F Auto Reset
IH No. 8 Trailing
IH 412
3F Trailing Plow
MF 3F 3 pt Plow
MF 5F 14" Mounted
JD 3 pt. 3F Plow
Ford 5F 18

Tillage
IH 475 Disc
IH 24 Offset Disc
IH 122 Mtd. Disc Harrow
IH 4500 V S 12 Ft
Lely Power Harrow
JD KBA Disc

Planters & Drills
IH 449 Planter
IH 500 Planter, 6 Row
Pittsburgh 4-Row 3-pt Cultivator
IH 400 Cyclo, 6 row, N
IH 400 Cyclo 4 Row
IH Super C Cultivator
JD 4 Sect. Rot. Hoe
JD 494 Planter
JD 15x7 Drill
JD FB 177B Drill, 17x7
JD 1250 Planter
MF 468 4-R Planter
MF 4 Row Cult
Ontario 13x7 Drill

Skid Loaders
Case 1530
IH 3200
Bobcat 520
Gehl 2600

Pickers
NI 323 1-Row
Oliver 5 Picker

Combines & Cornheads
NI 725 Cornhead
IH 91
IH 127
IH 403 Combine
IH 715 Combine
IH 227 Corn Head
IH 429 Corn Head
IH 744 Corn Head
MF 35 Combine

Hay Machines
IH 46 Baler w/Thrower
IH 10 Bale Thrower
IH 27V Mower
IH Cub 222 Mower
JD 14T Baler
M.C Rotary Scythe
Myers Hay Crusher
NH 3 pt. Mower
NH 282 Baler
NI Mower
NI 290 Mower Conditioner
NI 402 Rake
MF Rake

Forage Equipment
IH 650 Forage Harvester
IH 50 w/PTO Drive
IH 56 Blower
IH 2 Row Wide Row Crop Units
JD 6 Harvester
JD 34 Harvester w/2 Heads
JD 16A Flail Chopper
IH 5 Flail Chopper
IH Hay Pickup 550/650
IH Direct Cut 350
AC 780 Harvester
Fox 546 Harvester
NH 717
IH 42 Blower
NH 23 Blower
NH 25 Blower

Lawn & Garden
Power King 2418 Tractor
Power King 42 Snow Blade
IH Cadet 60 Riding Mower
IH 122 Cadet w/mower
Economy 1614 Snow Blowers
E.Z. Lawn Vac.
Gravely Sickle Mower
Bolens G10 w/Mower
JD 110 w/Mower and Snow Thrower
Sears 10 HP w/Mower
Snapper Comet riding mower

Miscellaneous
Sauder 7 ft. Snow Blade
NH 32 ft Elevator
IH 1850 Loader
NI 214 Spreader
Waldron Dozer Blade w/IH or JD Mountings
580 Truck Mtd Spreader
NH 346 Tank Spreader
Winco 1500 Generator
Danuser 8 Ft. Blade 3 pt.
IH 300 Mixer Wagon
Akey M50 Mini Spreader
NI 12A Spreader
Buck Saw

★ WE RENT BOBCAT LOADERS ★

SWOPE & BASHORE, INC.
RD 1, Myerstown, Pa.
Located 1 Mile S. of Int. 78 & 6 Miles
N. of Myerstown on Rt. 645 in Frystown
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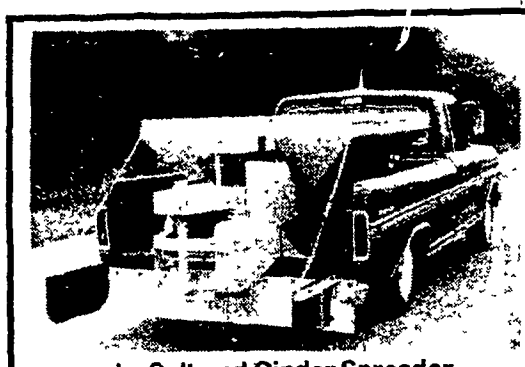
Area Codes 215 & 717
Call Toll Free 1-800-692-7467



Jr. Salt and Cinder Spreader
Ideal for parking lots and close quarters.
Fits most pick up trucks.
Self-contained, easy on and easy off.
SLIP-IN models for large dump trucks.
TAIL GATE spreaders for dump trucks.
Manufacturers of lime & fertilizer spreaders

C.U. STOLTZFUS MFG. INC.
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Ph: 215-286-5146

JOHN DEERE *Nothing runs like a Deere*

THIS WEEK'S SPECIAL
(2) Used Badger Wagons w/3 Btrs., Roof & 6 Wheels
Used 6600 JD Combine w/13' Grain Head and 4 RN Corn Heads

USED TRACTORS
JD 2840
JD 50
Farmall A w/Cultv, Plow & Pulley
Case 970 w/Cab & Air

USED CORNPLANTERS
JD 1240
JD 1260 w/monitor
JD 246
JD 7000 4 R Wide

USED HAY & FORAGE EQUIPMENT
JD 6600 Combine w/Grain Platform & 4RN Corn Head
JD 3940 Harvester w/Electric Controls
Fox 2200 Fg. Harv. w/2 heads
Gehl 800 Harvester w/Heads
NH 3RN Corn Head
JD 241 Snapper Head for Fg. Harvester
JD 3RW Corn Head
NH 1002 Bale Wagon
JD 24T Baler
NH 271 & 269 Balers w/Throwers
JD 24T Baler
JD 14T w/Thrower
JD Hay Crimper
Hesston 1010 Swing Tongue.
OMC #216 9' Mower Cond.
JD 16 A Chopper
NH #33 Crop Chopper
NH 27 Blower
NH 56 Rake

USED TILLAGE
IH 13' Transp. Disc
Pittsburgh 12' Transport Disc.
IH 4B Spring Reset Plow

MISCELLANEOUS
Oliver Fertilizer Spreader
15 HP 3 phase elec. Grain Dryer Motor
NH 352 Grinder Mixer
(2) Badger Wagons w/3 btr., roof & 6 whls.

No Finance Charge on new and used JD tractors until March 1, 1983

NEW TRACTORS
JD 4250 SQ MFD 15 SP, PS, Trans.
JD 2040
JD 2640
JD 2940
JD 2940 SG

NEW HAY & FORAGE EQUIPMENT
JD 5720 SP Forage Harvester
NH 718, 782, 892 Fg. Harvesters
JD 3940 & 3960 Fg. Harvester
JD 506 Gyamor Mower
JD 337 & 347 Balers
NH 311 & 320 Balers
NH 847 & 851 Round Balers
NH 489, 495 & 1495 Haybines
JD 670 Rake
JD 660 Rake
NH #8 Fg. Wagon
JD 714 Fg. Wagon
H&S Fg. Wagon
H&S Bale Wagon

NEW PLANTERS
JD 7000 4 & 6 Row Consv.

NEW SKID STEER LOADERS
Bobcat 743

NEW TILLAGE
JD 950 Roller Harrow
JD 2600 4B Plow
JD 1600 Chisel Plow
JD 115 & 215 Disc Harrows
JD 215 Dura-Cushion Disc Harrow
Haybuster No-Til Drill Also for Rent

NEW SPREADERS
NH 519
Martin V Type & Scavenger
H&S #295 Spreaders

NEW DRILLS
JD 8200 18x7'

NEW MISCELLANEOUS
JD 335 Skid Sprayer
Most Model JD Loaders & Blades
EZ-Flo Gravity Boxes

No Finance Charge on NH Hay and Forage Equipment till June 1, 1983

No Finance Charge On JD New & Used Hay Equipment Until May 1, 1983

Store Hours
Mon., thur. Fri. 7:30 to 5:00
Sat. 8.00 to 3.00

CLUGSTON IMPLEMENT, Inc.
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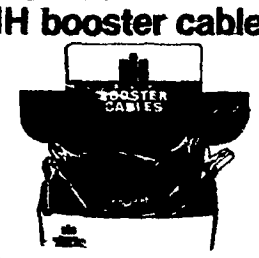
bobcat NEW HOLLAND

FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT

IH SUPER SAVING TIME

PARTSMART

IH booster cables

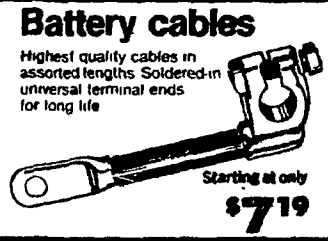


Top quality, all-copper tangle-resistant cables. Heavy-duty insulated alligator clamps

As low as $4.49

Battery cables

Highest quality cables in assorted lengths. Soldered-in universal terminal ends for long life



Starting at only $7.19

High Voltage Sale

PARTS VALUE OF THE MONTH

SAVE up to 38% off regular IH suggested list price

Quality IH batteries for cars, trucks, farm equipment and tractors!

Now's the time to get the jump on the fall/winter season with super special battery values during our High Voltage Sale. We have just the high quality IH batteries you need for cars, trucks, RVs, and farm machinery. The type and size you want, too: maintenance-free, low maintenance, and heavy-duty conventional models. 6 and 12 volts. Top and side terminals. Don't put it off. Come in for savings up to 38% off our regular IH suggested list price... plus

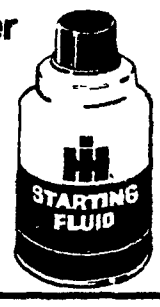
Get big savings on battery chargers and booster cables, too!

IH starter fluid

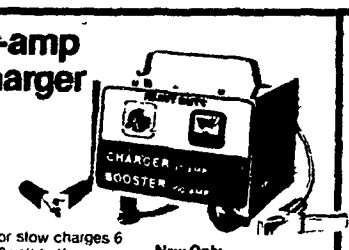
A quick shot gives you sure starts on cold mornings. Contains additives to lubricate upper cylinder area

Only $1.50 Each

Case of 12 - $14.39



30-amp charger

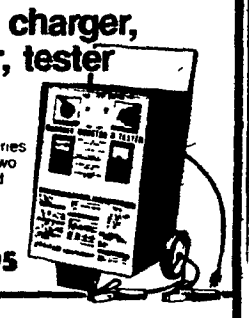


Fast or slow charges 6 and 12 volt batteries. Boosts up to 200 amps for starting

Now Only $113.35

80-amp charger, booster, tester

Charges to 80 amps. Has big boost starting power. Test batteries and alternators. Two meters, timer and transport wheels



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TRACTORS

Oliver 1750
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HAYTOOLS

NH 268 Baler w/Thrower
NH 269 Baler w/Thrower
NH 68 Baler
Oliver 620 Baler w/Thrower
NH 461 Haybine
NH 469 Haybine
Gehl 880 Mower Conditioner
NH 55 Rake

FORAGE TOOLS

NH Super 717 w/1-Row
NH 707 3 pt. Harvester w/1-Row
IHC 16 w/1-Row & Pickup
Kools KB 60 Blower
JD 15A Crop Chopper
IHC 8 Crop Chopper
NH 36 Crop Chopper
NH No. 8 Forage Box w/Roof

SPREADERS

NI 212 Spreader
NH 510 Spreader
NH 367 Tank Spreader, LH
NH 790 Spreader

TILLAGE - PLANTING

White 5400 Planter
JD 1240 4-Row w/Monitor
Brillion 14' Transport Harrow
IHC 550 5-16 Plow

CORNPICKERS

IHC 2 MH Cornpicker

SKID LOADERS

Bobcat 310

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Kubota B6000 E w/Woods RM 59 Mower

NEW EQUIPMENT IN STOCK

WHITE 2-30 2-Wheel Drive
WHITE 2-45, 2 & 4 Wheel Drive
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WHITE 2-70 Tractor
WHITE 2-85 Tractor
WHITE 2-105 Tractor
WHITE 2-135 Tractor
WHITE 543, 4 & 6R Planter, No Till
WHITE 5100, 4 & 6R Planter, No Till
WHITE 254 10' 4" Disc
WHITE 348 SAR Plow
WHITE 508 SAR Plow
WHITE 466 Chisel Plow
WHITE 285 Field Cultivator
NH L425 Loader
NH 707, 718, 782, 892 Harvesters
NH 310, 311 & 315 Balers
NH 847 Round Baler
NH 80 & 90 Bale Movers
NH 488, 489 & 1495 Haybines
NH 256 & 258 Rakes
NH 38 Crop Chopper
NH 28 & 30 Blowers
NH No. 8 Forage Box
NH 513, 519, 679 & 800 Spreaders
NH 367, 363 & 303 Tank Spreaders
NH TR75 Combine
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Located 14 Miles South of Port Royal on Rt. 75

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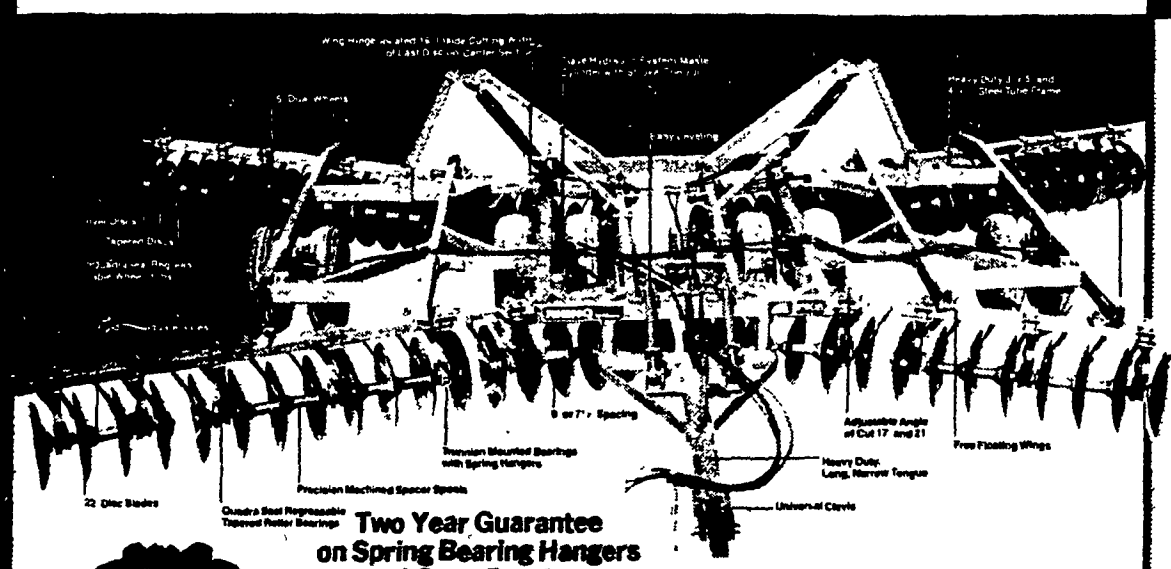
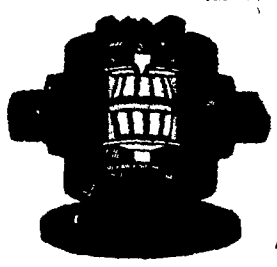
Heavy Duty Cut & Finish..Unbelievable Special

SUPERFOLD EXCLUSIVE RHINO FLEX 90B



Two Year Guarantee on Spring Bearing Hangers and Gang Bearings



- Easily Clears 11' Gates
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- Spring Mounted Bearing Hangers

A RHINO IS LONGER LIFE

And RHINO guarantees it... Two Full Years.
That's how confident RHINO is that the double-row, square bore, Timken, tapered roller bearings, with *quadraseal protection.*

RHINO by Athens

WE HAVE QUALITY AT A PRICE YOU CAN AFFORD!

Unmatchable Leveling You Will Like!

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- 15 Foot, 9" Spacing Front & Rear Gangs,
  Reg. Price...$12,190... **SPECIAL SALE PRICE...$7,200**
- 16 Foot, 9" Spacing Front 7½ Rear
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- 26 Foot, 9" Spacing Front & Rear
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IRRIGATION - WASTE WATER - MANURE - INDUSTRIAL

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Diesel, PTO, Electric, Gasoline

REYNOLDS ALUMINUM PIPE

Irrigation, Repairs & Gaskets for:
RACE, WOSCO, WADE, IRRECO, CHAMPION, SHUR-RANE, McDOWELL, A-M AND OTHERS

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T.M.R. Forage Blender

"Total Mixed Ration"
With
TUMBLE MIX ROTATION

Available in a model to fit your feeding requirements.

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MF 265 low hours
Oliver 660 gas
Farmall 450 diesel
MF 1130
Farmall 460 gas
MF 205-4 diesel
MF 2705 cab

Forage Harvesters
Gehl 600 w/grinder
Hesston 2000
Fox 2000
Field Queen 7600

Harvesting
M & W 250 Grain Dryer
Ih 93 8'
IH 203 10'
NI cornpicker 2 rw. wide

Corn Heads
AC 430 4 row 30"
Hesston 2 row 34"
Hesston 2 row 38"
MF 24
MF 44
JD 244
JD 234
Gehl TR600
Gehl TR680
Gehl CA670
NH 3 row snapper head fits 1890-1895
Field Queen 3 rw. wide

Mower Conditioners
NI 299, used 2 yr.
Hesston 1090
JD 1209

NEW EQUIPMENT FIELD READY
Hesston 7650 SP
Gehl CB 750

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- Used 1977 K2 Gleaner combine w/cab, monitor, 10' grain head, 2 row corn head, excellent $18,000
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- Used 1550 Oliver diesel, wfe $5,500
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- New 238 NH 12 ton running gear, 11L15 tires and tubes $1,650
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- Massey Harris 35 self-propelled combine, $800
- 4 bottom JD semi-mounted plows, $7[illegible]

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MF Massey Ferguson

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Located: 4 miles West of New Holland on Route 23, 1½ miles Northeast of Leola on the North Groffdale Road, 1 mile on the right, opposite Groffdale Mennonite Church.

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York 8' Scraper	@ $550.00
MF 226 Scraper (3)	@ $460.00
MF 8 10 Ton Gear 11L	$1140.00
MF 7 8 Ton Gear	$775.00
MF 86 12 Ton Tandem Gear	$1525.00
MF 5 Ton 5th Wheel Gear	$300.00
EZ 672 6 Ton Gear	$675.00
EZ 1074 10 Ton Gear	$1050.00
MF 216 Q A Loader	$1750.00
Dunham 22 Loader (2)	@ $2550.00
Danuser Post Hole Digger	$875.00
Little Giant Corn Drag	$780.00
EZ 170 Bu. Gravity Box	$550.00
EZ 220 Bu Gravity Box	$900.00
Danuser Post Driver	$1300.00

USED CORN HEADS

MF 83 8 Row 30" (2)	@ $7000.00
MF 63 C 6 Row 30" (2)	@ $2500.00
MF 63 6 Row 30" (4)	@ $2100.00
MF 44 4 Row 38" (2)	@ $3500.00
MF 44 4 Row 38" (9)	@ $2500.00
MF 44 4 Row 38" (3)	@ $2100.00
MF 43 4 Row 30" (1)	@ $2500.00
MF 33 3 Row 30"	$2500.00
MF 24 2 Row 38"	$2200.00
MF 422 4 Row To Fit 510	$1200.00
MF 621 4 Row To Fit 510	$1200.00
MF 322 3 Row To Fit 410	$200.00

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MF 200 Harvester w/2 Row Head	$5700.00
(4) MF 1 row Corn Head for 200	@ $900.00
MF 22 Bale Thrower	$1520.00
(2) Farmhand F7 Hay Rake	@ $1995.00
Farmhand M 25 Hay Rake	$975.00
(2) Mott 3 pt. 72" Flail Mower	@ $1500.00
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Conveyor For Above	$950.00
Farmhand 815 Grinder Mixer	$4900.00
EZ 14' Forage Box, Roof, 10 Ton Gear	$4015.00
EZ 14' Forage Box, 10 Ton Gear	$3715.00
EZ 14' Forage Box, 1074 Gear	$3950.00

USED HAY - FORAGE & PLANTING

Gehl Blower	$800.00
Gehl SP Harvester	$1,200.00
MC Rotary Scythe	$3,900.00
Model 3300 Fox Harvester w/2 Row 30 Corn Head	$4,500.00
Badger 16' Fg. Wagon	$1,200.00
MF 1440 Round Baler	
MF 1560 Round Baler	$5900.00

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AC 7045, Power Shift, Only 120 Hrs	$26,500
MF 1800	$15,500
MF 33 Wheel Loader	$9000.00
MF 2675	$20,000.00
MF 1130 engine overhauled	$8000
MF 178 Diesel	$4500
MF 1135 w/cab	$12,500.00
MF 35 Diesel	$3,400.00
IHC 1456	$9,500.00
MF 2775 Diesel 165 H.P	

DEMO TRACTOR

(2) Ind 20C Tractor Cabs	@ $1500.00
MF 4840, 265 Hp, 18 sp 3 pt P.T.O	$59,000.00
MF 275 8 Speed	$12,800.00
MF 285	$18,500.00
MF 2745	$28,000.00

USED PLOWS & TILLAGE

MF 520 Disc 10'	$1500
IH 414 Semi-Mtd. Plow	$600
IHC 16' Vibra Shank	$1500
JD 28' Rotary Hoe	$1800

NEW & DEMO PLOWS & TILLAGE

MF 129 3 pt. Chisel Plow	$1375.00
Dunham 8 Tooth Chisel Plow	$1600.00
MF 730 Disc Harrow 10	$4950.00
MF 428 4-38 Cultivator	$1250.00
MF 620, 12' Disc Harrow	$4950.00

WE SOLD 20 NEW MF COMBINES LAST WINTER. CONTACT US NOW FOR THE BEST SELECTION OF GOOD USED COMBINES.

USED COMBINES

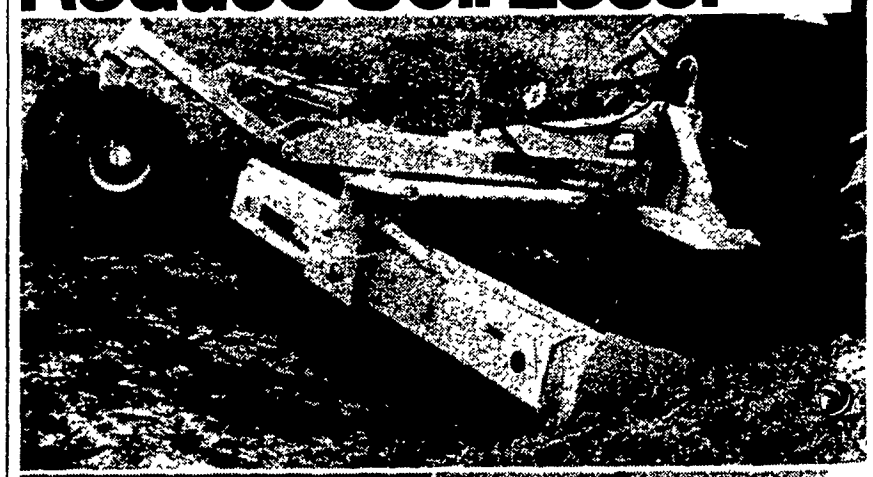
1981 MF 850 Hydro w/1163 C H only 181 hrs.	$59,000.00
1980 MF 760 V8, 15 ft Floating Header, 1163 Corn Head	$62,000.00
1978 MF 760 V8, with rear Wheel Drive & Grain Saver	$48,000.00
1977 MF 760 Turbo 6 hydro 15' Grain Head	$35,000.00
1976 MF 750, 4 Whl Drive w/6R & 4R Corn Heads & 15' Floating Grain Table	$39,000.00
1976 MF 750 Hydro, 14 Ft. Grain Head	$29,000.00
1976 MF 750 Gear Drive, 14 Ft Grain Head	$26,000.00
1975 MF 760 V8, 15 Ft Grain Head	$29,000.00
1975 MF 760 V8 Hydro 15' Grain Head	$28,000.00
1975 MF 510 Diesel 13' Grain Head	$19,000.00
1974 MF 510 Diesel, 16 Ft Floating Header	$17,500.00
1974 JD 6600 Dsl, 13' Grain Head	$24,000.00
1972 MF 410 Diesel 13' Grain Head	$10,500.00
1972 MF 300 Gas 10' Grain and 2 Row Corn Head	$10,500
1971 MF 510 Diesel 13' Grain Head	$14,500.00
1969 MF 510 Diesel 13 Grain Head	$12,500.00
1968 MF 510 Diesel 13' Grain Head	$13,500.00
1968 MF 510 Diesel 13' Grain Head	$10,000.00
1968 MF 510 Diesel 13 Grain Head	$15,000.00
1968 MF 510 Diesel, 13 Ft Grain Head	$10,500.00
1968 Gleaner CII, 13 Ft Grain Head, 4 Row 36" C H	$8500.00
IH 315 Gas, 12 Ft Grain Head, 2 Row Corn Head	$7900.00
IH 141, 10 Ft Grain Head	$2000.00
IH 303, 10 Ft Grain Head	$2900.00
AC CII Gleaner with Grain Head	$2,900.00
AC A Gleaner	$2,000.00

NI 702 Diesel Tractor /67 Super Chopper. /63 Corn Head 71 / Combine 13 Floating Grain Head

NO FINANCE CHARGE ON USED COMBINES TIL JUNE 1, 1983

Dig a Ditch. Drain a Hollow. Build a Pond. Maintain a Road. Clean a Stock Pen. Reduce Soil Loss.

RHINO



We've got the Blade that'll do it at 25% off

Come in, let's talk about 'em.
We've got over 40 in stock.

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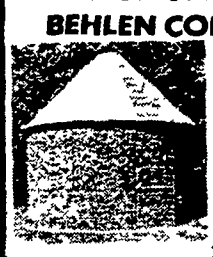
Are Your Corn Cribs Overflowing?

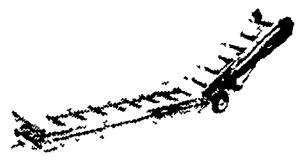
Add a #1 Behlen
For low cost storage
BEHLEN CORN CRIBS



Did You Know *Behlen Corn Cribs* are No. 4 gauge, Which is heavier than most other brands and helps to prevent bulging of sides.

3 Sizes available:
Model - FL-10 611 bushel plus extra capacity in roof area
Model - EL-10 1085 bushels plus extra capacity in roof area
Model - EXL-15 1515 bushels plus extra capacity in roof area.

Remember! Go Top Notch Quality....
GO BEHLEN
Limited Quantity In Stock At Old Prices



Roll Away Type
NEW McCURDY CORN DRAGS
In Stock **$577**

SPECIAL OF THE MONTH CASE 2470

CASE 2470
4 Wheel Drive with all the Goodies:
Hillside Crab Steering, PTO, 3 Pt. Hitch, Remote Hydraulics, Cab, Air, Heater.
Only **$25,900**
less an additional 6% off w/Interest Free til March 1, 1983

BUSH HOG BRUSH CUTTERS ARE HERE!

- Flexible linkage allows smooth cutting on uneven terrain. ASAE Category 3 universal joint is standard equipment.
- Rugged, all welded 11-gauge steel frame construction. Tapered rear discharge means less tractor horsepower is required.
- Standard Category 1, three-point hitch makes hookup to your tractor fast and easy. Free-swinging blades round blade holder, and a shear pin are standard equipment.

5 Foot Model..... $499.00
6 Foot Model..... $1,361.00

Small Grain Harvest Is Here
NEED A GRAVITY FLOW BIN WAGON?
GO WITH THE #1...
McCurdy
the Old Reliable

- Before You Buy, Check With Us
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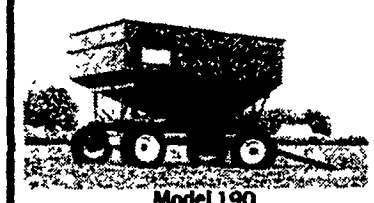
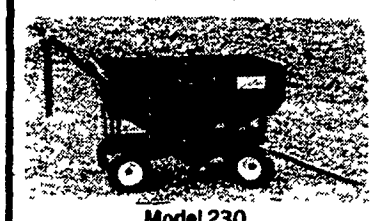
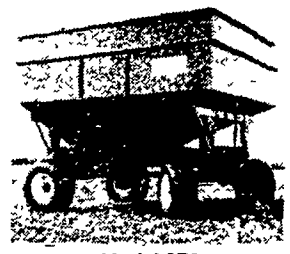


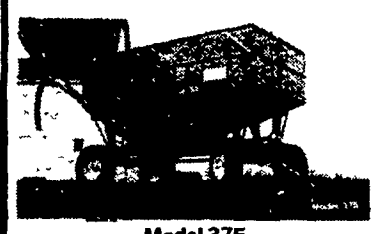
Model 190



Model 230



Model 275



Model 375
Double Door Side Dump

Get the McCurdy Short Turn Radius Wagon with no stops to bend your hitch. Tested and designed for Gravity Bin use. "The *unmatchable Pair*"
In Stock with adjustable quick hitch. Your choice of wheel width 6", 8", 10"
Price is less tires.

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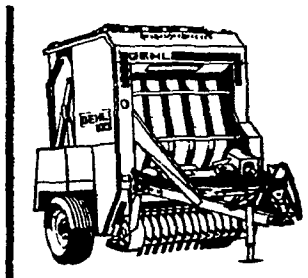
Call us for your Rental Needs Now

Take Delivery Now!!
Final Due Dates Next Spring!!

GEHL
FARM EQUIPMENT

30% Down Now
Final Due Date April 1, 1983
or
40% Down Now
Final Due Date June 1, 1983



TOTAL DENSITY CONTROL BALERS WORK BETTER
Models: 1450 & 1850

You can get that new Gehl Baler **NOW** with special Delayed Payment program. And you can beat today's high interest rates by paying 30% or 40% down in cash or trade, with final due dates **NEXT SPRING!!**

OR

Pre-pay the entire amount NOW and Gehl will send you a Cash Bonus Check!! This will lower the cost of your Baler!!

We're ready to make a deal! Stop in for full details Get a Gehl!

High Moisture Grinder
LOOK AT THIS!
Like New **White-McKee Corn Hog,** 3 PTO, Hi-Moisture Grinder Blower to fill silos.
1000 RPM PTO
$2450.00
They Do Work!

We Have In Stock
NON-RADIAL AND RADIAL REAR TRACTOR TIRES

- 20.8x38
- 18.4x38
- 16.9x38
- 18.4x34
- 16.9x34
- 13.6x38
- 15.5x38
- 16.9x30
- 12.4x28
- 11.2x28

OVER 16 USED SKID LOADERS In Stock

Come And Take Your Pick!

THE BEST MONEY CAN BUY -
100's of satisfied customers!
SPEED KING AUGER TRANSPORTS with FLEXI-BOOT HOPPER
TRUCKLOAD SALE!

All these sizes in stock:

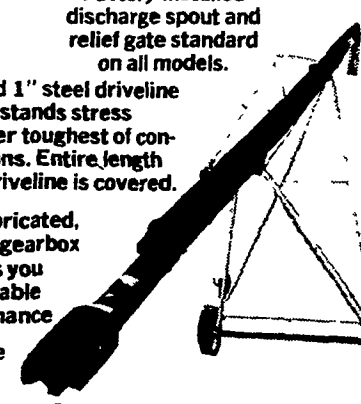
6x27	6x46	8x34	8x46	10x41
6x34	6x53	8x41	8x53	10x51
6x41	6x60			

Factory-installed discharge spout and relief gate standard on all models.

Solid 1" steel driveline withstands stress under toughest of conditions. Entire length of driveline is covered.

Pre-lubricated, sealed gearbox assures you dependable performance

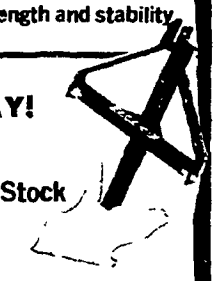
Heavy-duty intake flighting to give added life. Wire screen cage provides protection.



Flex tubes are available optional in 3', 5' and 8' lengths for both 6" and 8" augers. Total flexibility allows bending in any direction to funnel flow of grain into hard-to-reach places.

Ruggedly constructed scissor-type undercarriage "tucks away" to get in close to bins for maximum reach. Trussed axle arms for strength and stability at any angle

DIG YOUR POTATOES THE EASY WAY!
They Do Work! The 3 PT. HITCH, 1 ROW
POTATO PLOW - Heavy Angle Tow Bar
Features: • FRAME-Welded Construction
• SHANK- 1"x4" • HITCH-Standard Category 1
• BUSHER SHAPE
$97.85 Complete

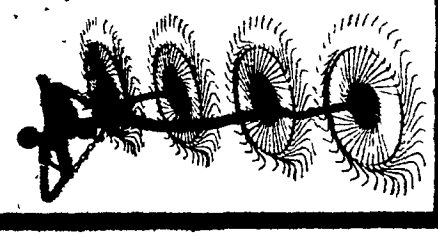


In Stock

GOOD USED EQUIPMENT SPECIALS

- IH Vibra Shank Model 4500 Field Cultivator, 14 ft. Wing, 8½ ft. Transport Width, Manual Fold w/3 Bar Harrogater Att. Like New
- New Rhino Model 814 Field Cultivator, 26' 3 Wing Transport, 14 ft. wide.
- JD Model 210, 13' 10 Cut Transport Disk Harrow
- JD Model 310 Double Offset 15' Cut
- JD Model 8200 Double Disk Opener Grain Drill, 8x20
- (2) Stauffer 6x16, 3 Beater and Roof, Hyd. Drive Forage Boxes with 10 Ton Gears and 2 ply tires
- Dunham 16' Cultimulcher, Good
- 1200 Gehl Harvester, Hy. Controls, Knife Sharpener w/three or two row head
- J&M Gravity Bin on Dunham Gear
- Norridge Model 350 Grain Dryer w/wet holding bin on transport
- Gehl 600 Forage Harvester w/2 row wide head, manual controls
- McCurdy 12', 3 bar Harrogator
- McKee Corn Hog High Moisture Corn Grinder, 1000 RPM, 3 pt.
- NH Forage Wagon, 3 Beater Roof, Like New, with 8 Ton Gear
- Amco 19'6" Model F15 Disk Harrow w/20" - 21" x ¼" Blades, Nice
- IH #37 Transport Disk, 12'
- IH #9 12' Disk Harrow
- NH 357 Grinder Mixer w/Auger Extension, Very Good
- NH Manure Spreader
- NH Hay Pickup for Model 707
- MF #40 12' Heavy Duty Offset Disk w/cylinder
- AC 4-16" Hy Reset Plow
- 4 Row IH 3 pt. Cultivator
- Dunham 12' Cultimulcher
- Dunham 10' Cultimulcher w/Gandy Herbicide Attachment

NOTICE:
Rake your hay, straw & corn fodder with an expensive, 3 pt. Wheel Rake for only
$495.00



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Hours: Daily 7 A.M. to 5 P.M.; Sat. 7 A.M. to 11:30 A.M.

FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT

"QUALITY LATE MODEL FARM EQUIPMENT"

COMBINES

1976 J[SOLD]00 Dsl. w/cab, 700 hrs. Very Nice.
1978 Gleaner FKS2 w/Cab and Air Cond., 13' Grain Platform, Pickup Reel, Harvested Less Than 500 Acres.
1978 Gleaner KKS2 w/Cab, 13' Grain Platform, Very Nice
1975 JD 6600 Dsl., Cab, AC, Very Good, Choice of Heads
1975 JD 3300 Dsl., Cab, Air, Very Good, Choice of Platforms
JD 45 Square Back w/Cab & Grain Platform & 2 Row C.H.
1976 JD 3300 Dsl., cab and air, very good, choice of heads
1973 Dsl. Cab & Air Choice of Heads
MF 510 Dsl. w/cab, Very Good, Choice of Heads
MF 35 w/8 ft. platform, Sharp.
JD 55 Square Back w/Cab, 12' Grain Platform & PU reel
IH 71[SOLD]ab, Hydro., Low Hrs. w/810 13' Platform, Very Nice
IH 82 Pull Type w/ PU Reel

GOOD SELECTION OF GRAIN PLATFORMS AND CORN HEADS TO FIT MOST COMBINES

TRACTORS

AC 180D, WFE
AC 200 Dsl. WF & Cab
AC 220 Dsl. WF & Cab
AC 7000 Diesel w/Cab & Air
JD 4430 Dsl. WF
JD 4020 D WF & Power Shift
JD 4020 D[SOLD]WF, Side Console, [SOLD], Air Cond., Dual Hydraulics
JD 3020 D WF
JD 2840 Dsl. WF, 1300 hours
JD 2640 Dsl. Fully Equipped
JD 2840 Dsl. WF w/Cab & Air, Ve[SOLD]
JD 2520 Dsl. WFE
JD 2030 Dsl. w/48 Loader
JD 830 Dsl. w/37 Loader
IH 1466 Dsl. WF Black Stripe1485 Hrs., Cab Air Cond. 20.8x38 Tires, Dual PTO, Sharp!
IH 1466 Dsl. WF, Exc.
IH 1206 Dsl. w/Cab
IH 8[SOLD]ab, AC 800 hrs.
IH 766 D WF, Cab
IH 656 Dsl. Hydro
Oliver 1850 Dsl. WF

BALERS

JD 346 Twine w/Thrower
NH 278 w/Thrower, Like New
IH 2400 Round Baler, Like New

CORN HEADS

MF 24, 44
AC F430, C#430
AC KF330
JD 243, 244, 343, 443, 444, 643
IHC 843

GRAIN DRILLS

IHC 510 w/fert. and grass attch. 16x7, very nice
JD 8250 21 openers, fert. and grass seed

DISCS

AC 16' Wing Fold.
JD 11'2" & 14' AW Disc
JD BWA 12'6"
JD 18' BW Wing Fold
Sunflower 13' Hyd. center fold, very good
JD 11' RWA Transport
JD BWF 16' to 19' wing Rock-Flex

HEAVY DUTY DISCS

IHC 760 12' Offset, excellent
IH 500 12', [SOLD]od cond.
JD 1630 12' very good cond.

CORN PICKERS

JD 300 Husker w/2 or 3R Head, Very Good
NI 2 Row Wide 12 Roll Husking bed, Ex. Cond.
NI 2 Row Wide w/Sheller
NI 2 Row Narrow w/Super Sheller
NI 2 Row N[SOLD]row w/8 Roll Huski[SOLD]Bed
NI 323 1 Row, Like New

PLOWS -SEMI-MOUNTED

JD F145 4 & 5x16
IH 550 5x16 & 5x16 Slat Btm., Like New
JD 1450 5x16
IH 720 Toggle 5x20, Like New
IH 710 6x16 on Land Hitch
JD 825 3B Roll-over

PLOWS -AUTOMATIC

IH 450 3x16 Mtd.
IH 710 & 720 5x16
IH 710 6x16
Oliver 6x16
JD 2500 6x18
JD 2500 5x18 on Land Hitch
IH 710 7 Btm. on Land Hitch
IH 700 6x16
IH 6 Base 735 Variable Width
JD 345 4x16

MISCELLANEOUS EQUIPMENT

JD 1207 Mower Conditioner, like new
Brillion Alfalfa Seeders, 8' & 10'
JD Chisel Plow 12' New Shovels
IH Field Cultivator 12'
Straw Choppers for JD 3300 and 4400 Combines
NH 488 Haybine, like new
NH 479 Haybines
Artsway 320 Grinder-Mixer
NH 354 Grinder-Mixer
NH 6 Ton Wagon Gears w/Adj. Hitch $575 1 Only
JD 146 Loader, Indep. Control Valves
JD 894 Rake, Rubber Mtd. Teeth
IH 18.38 Rr. Axle Duals
Pick Up Attachment for Combine
Grim Super 16 Hay Tedder
Grim Hay Tedder, Traction Driven
Neimeyer Power Harrow
Cabs for JD Tractors 3010 thru 4320

BALER TWINE
9,000 ft.
$21.00 Per Bale

GUNTHER HEUSSMAN INC.
So. 5th St., Emmaus, Pa. 18049 215-965-5203

HARVEST SPECIALS

S.G. LEWIS AND SON, INC.

RD #2, Box 66, West Grove, Pa.
215-869-2214
All Hay Equipment Free Finance until 6/1/83

FORAGE

SNH #892 Forage Harvester w/#822 corn head and 880W windrow pickup. **$12,500**
SNH #718 Forage Harvester w/#822 corn head **$8,000**
SNH #25 Blower **$1,600**

HAY

SNH #451 Mower w/7' Cutter Bar **$1,860**
SNH #472 Haybine **$5,875**
MF #124 Baler **$5,000**
SNH #80 Bale Handler **375**

SPREADERS

SNH 679 Spreader w/splash guard, fine manure pan and hyd. end gate **$4,700**
SNH 791 Spreader w/splash guard, hyd. end gate and fine manure pan **$7,500**
SNH #301 Liquid Spreader, 540 Drive w/soil ejector & coulters **$10,500**

Don't be fooled by lower prices on "will-fit" parts. The management of other brand dealerships *recognize the value put into genuine* Sperry New Holland parts and service. This is what made Sperry New Holland the leader and No. 1 in hay and forage equipment. When a problem arises or you need parts or service, call your authorized Sperry New Holland dealer.

215-869-2214 or 215-869-9440

DEPENDABLE MOTOR CO.

East Main St., Honey Brook - Pa. 215-273-3131-273-3737

NEW EQUIPMENT SPECIALS

NH #718 Harvester (1 only)
NH #892 Harvester Electric Controls, Metal Detecter, 3R Hd. & Pickup Head
NH #456 Mower, 1 only
NH #519 Spreader 11:20 Tires
NH #791 Spreader, 11:20 Tires
NH #303 Liquid Tank Spreader (Demo)
NH #367 Tank Spreader, Used 1 Year
NH #310 Engine Baler, Steel Wheels Hitch & Chute

CALL FOR SPECIAL PRICE

Pittsburgh 3B 18" Auto Reset Plow **$3150**
Pittsburgh 4B 18" Semi Mtd. Auto Reset Plow **$5275**
Pittsburgh 12' Field Cultivator, 1 only **$1295**
Oswalt Ensilmixer, 1830 trailer w/Ditigal scales **$9500**
Oswalt Ensilmixer, 1830 Stationary w/scales **$9390**
Hutchmaster Disc 22x¼" blades D.O.T. Flex Gang 5600 lbs. **$6200**
Dunham 3 Bar 8 Tooth Chisel Plow **$1695**
Hub Tool Elevator 36 ft. **$1995**
Walsh 300 Gal. Sprayer 34', Cyn Pump **$1925**

• SPECIAL DEALS ON THE ABOVE PLUS FREE FINANCE ON NEW & USED NEW HOLLAND HAY AND FORAGE EQUIPMENT TILL JUNE 1, 1983
SPREADERS AND GRINDER-MIXERS TILL APRIL, 1983

SPERRY NEW HOLLAND

JAMESWAY · OSWALT ENSILMIXER · DUNHAM
Leasing Available

USED EQUIPMENT

(2) NH 512 Spreaders
NH 518 Spreader, top beater
NH 519 Spreader, Hyd. Endgate Top Btr.
NH 707 Harvester w/1R CH, good cond.
NH 770 Harvester, good cond., 1000 RPM
IH 555 Harvester, 2 Row Head & Pickup Head
Bush Hog 12' Offset Disc, 26" blades, excellent condition
7' 3 pt. hitch York Scraper Blade w/100 h.p. rating
NH 325 Loader 54" bucket, like new
NH 495 Haybine 12', Good Cond.
NH 479 Haybine, Ex. Cond.
NH 354 Grinder Mixer Ex. Cond.
NH 273 Baler w/Engine, Good Cond.
NH 451 Mower, Excellent
NH 455 Mower
NH 56 Rake, Ex. Cond.
NH 770 R2 Corn Head
NH 717 N2 Corn Head
NH 717 Pickup Head

DEPENDABLE IS MORE THAN OUR NAME

FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT

JOHN DEERE NEW EQUIPMENT

JD 1209 Mower Cond. $6,000
JD 700 Grinder-Mixer. $6,300
JD 355 12'6" Offset Disk $7,500
JD 445 Flail Spreader. $3,900
JD 230 Disk 25' w/cushion gang attach $10,000
JD 215 Disk 13' w/dura cushion gang. $7,400

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TOBIAS EQUIPMENT CO., INC.
Halifax, PA 17032
Phone: 717-362-3132

JOHN DEERE USED EQUIPMENT

JD 4240 w/Cab (400 hrs.) $29,500
IHC 1086 w/cab (1180 hrs.)... $19,900
JD 2940 (300 hrs.)..... $17,000
MF 1080 ..... $6,000
1980 MF 760 Combine (338 hrs.) w/2 heads..... $59,000
JD 6600 Side Hill Combine ... $40,000
JD 6620 Side Hill Combine
JD 444 Corn Heads $4,000 to $7,500
Hesston 7020 Harvester w/heads $3,500
JD 950 12' Roller Harrow..... $3,600
JD 38 Harvester w/heads..... $1,500
NH 770 Harvester w/heads $3,500
JD 2700 7B On-Land Plow
JD 4230 Tractor
JD 1450 5x16 Plow
JD 1460 6 Row Planter

Selection of Used Planters including Max-Emerge.

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- New engines from 3 to 65.9 hp in stock
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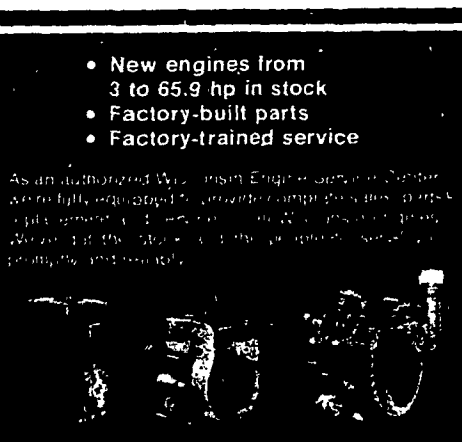
- Factory-trained service



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NH TR 75
Pay New Holland what we owe and it's yours!

New White 2-85 Tractor

New White 5100 Planters

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NH 770
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IHC 350

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New Holland, White
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M & R EQUIPMENT, INC.

NEW PARK, PA

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SPERRY NEW HOLLAND

INTERNATIONAL HARVESTER
9.9% FINANCING ON ALL NEW TRACTORS, COMBINES AND TILLAGE! OR CASH REBATES
WAIVER OF FINANCE ALSO AVAILABLE ON ALL IH EQUIPMENT!

NEW HOLLAND
FREE FINANCE ON FORAGE UNTIL 9-1-83!
ALSO 12 MONTH INTEREST FREE FINANCING AVAILABLE ON ALL SNH EQUIPMENT
* Free Finance on grinder mixers, skid loaders and all manure spreaders until 4-1-83

NEW EQUIPMENT IN STOCK

IH
3088
3688 tractor
5088 tractor
1420 combine
14 SOLD ibine
800 air planter
810 header
820 header
94 SOLD head
IH 730 plow vary width 4 btm.
720 plow 5x20" - auto. reset
5100 drill 16x7 plain, 21x7, w/depth press wheels
13' 5500 chisels
1300 mower
1190 mower-cond.
2 - IH #15 throwers
475 wing disc, 18'7"
435 baler
550 spreader
2250 loaders
183 4-R cultivator

NEW HOLLAND
311 balers (2)
31 SOLD
#70 & 75 throwers
489 haybines
85 SOLD balers
425 skid loader
L-3 SOLD pader
718 chopper
782 SOLD r
822 corn head - $2500
892 chopper
#8 crop carrier
OD 100 offset disc-12'
451 mower
513 spreader
363 spreader
519 spreader
791 spreader
474 haybine

WE RENT SKID LOADERS

JUST TRADED
IH 1440 Combine, Excell. Cond.
844 corn head, auto header control, air cond.
Waiver of finance available

TILLAGE SPECIAL
IH 720 AUTOMATIC RESET PLOW
5x20" Btm. with Colters $6750

USED SPECIAL
IH 856 FARMALL DIESEL,
3 pt., wide front,
new clutch year-a-round cab/heater,
good rubber.
JD 2510 DIESEL, Excellent
$5500

SPECIAL
NH 892 FORAGE HARVESTER
w/2 row head,
all electric controls, fully equipped
Free finance until 9-1-83
$12,700!!

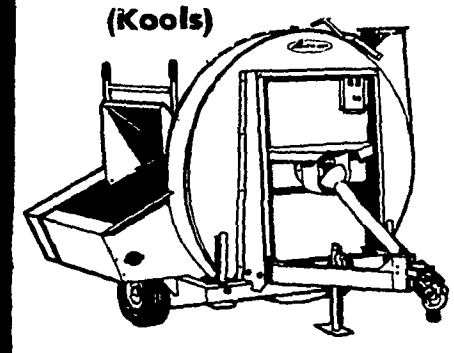
"THINKING COMBINE?? REMEMBER - IH AXIAL FLOW HAS WON MORE ENGINEERING AWARDS THAN ANY OTHER COMBINE. AXIAL - FLOW CAN PAY IT'S WAY WITH LESS FIELD LOSS, MORE GRAIN IN THE BIN PLUS THE GREATEST HEADERS IN THE INDUSTRY! WE HAVE A 1420 IN STOCK" THE 1420 IS A REASONABLY PRICED, 4 ROW ROTARY MACHINE. BUY THE "HOT" COMBINE FOR LESS MONEY THAN ITS COMPETITORS. OUR COMBINES, ARE BACKED BY OUR OUTSTANDING SERVICE DEPARTMENT.

USED EQUIPMENT

IH 3388 2+2 low hrs.
JD 2010 Industrial tractor w/back hoe and loader $3200.
IH 2400 Ind tractor diesel, 6-way hyd. blade, log splitter
Farmall Super C
JD 2510 g SOLD overhauled
JD 2510 Diesel tractor, new engine
JD 2040D t. SOLD h loader
John Blue - truck mtd. dry fertilizer spreader. Excellent Cond 8 ton
IH 303 Combine, both heads, cab, very good shape
NH 10 ft. trailing fert. spreader, very good cond
NI 224 Manure Spreader, hyd endgate w/cyl
NH #36 Flail SOLD very good
IH 990 Mower Conditioner 9' good, double rubber rolls
IH 1150 grind SOLD
IH 440 baler w/thrower, nice, hyd bale tension
John Deere #50 tractor w/mtd. picker, power steering
IH 241 round SOLD cell. cond
IH 449 4R planter - nice
MF 4R planter - 50 acres $1500
JD FBB grain drill - 13x7 - nice
IH 550 plow 5x16 (2)
IH 51 forage box w/roof, heavy gear
IH #70 pull type plow 3x16", nice
1250 hydrostatic Cub Cadet
NH 1002 SOLD on
IH 46 baler with thrower
IH 555 fo SOLD rester, very good
JD 660 h SOLD ery good
Oliver 76 grain drill $600, as is
NH 718 fo SOLD ester, used 1 season, like new
1 440 IH combine w/4 row head excell cond
IH #8 Flail Chopper, new knives
IH 550 Forage harvester, cheap

Fall Specials...

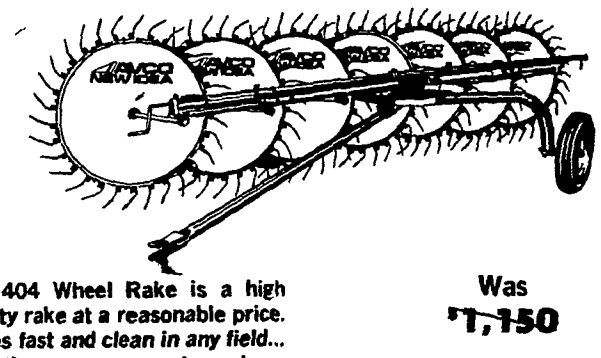
NEW IDEA MODEL 621 FORAGE BLOWER (Kools)



New Idea's 621 Forage Blower is a rugged, high capacity model for better performance than ever before. It features a husky 57" fan for medium to large operations. Comes with a standard adjustable tongue that makes tractor hook-up fast and simple...

FALL SPECIAL $1,700

NEW IDEA MODEL 404 SPEED WHEEL RAKE



The 404 Wheel Rake is a high quality rake at a reasonable price. Rakes fast and clean in any field... smooth, uneven, contoured or hilly. Plus, it costs less to buy and less to maintain.

Was $1,150

TRUCKLOAD SPECIAL $1050

SAVE $500 TO $1300 ON NEW IDEA SPREADERS

Offer Ends Oct. 31st

- Check Our Prices And Models In Stock

ZIMMERMAN'S FARM SERVICE
Bethel, PA
Phone 717-933-4114

AVCO® NEW IDEA

BEFORE YOU BUY A DISC —
COMPARE KRAUSE

Below is an example of what you can expect from Krause in a heavy-duty 13 Foot Flex-Wing Disc. Take any competitor's specifications and compare.

Krause 1740 Series

(You fill in the specs for the competition)

FEATURES TO LOOK FOR:	KRAUSE MODEL 1765	COMPETITION
Working Width	12'9"	
Total Weight (w/22" 6 Gauge Blades)	6,780 lbs.	
Weight Per Blade	188 lbs. per blade	
Diameter of Disc Blades	24" (Plain or Notched)	
Blade Thickness	¼" (Std.) - 5/16" (Opt.)	
Gang Bolts	1¾" Thick - Cold Rolled Steel	
Nut on each End of Gang Bolt	Yes (Std.)	
Overlapping Front Gangs	Yes (Std.)	
Tappered Rear Gang Blades	Yes (Std.)	
Spring Steel Bearing Hangers	Yes (Std.)	
Regreasable Bearings w/Rubber Casings	Yes (Std.)	
Spools	Cast - Ductile Iron (Std.)	
Tires	9.5Lx15 6P (Std.)	
Scrapers	Heavy Duty, Individual Adj.	
Transport Width	14'	
Hydraulics	All Standard	

WHAT YOU DON'T SEE ABOVE IS PERFORMANCE

Don't take our word on PERFORMANCE - Try A Krause in your fields and you'll know what we mean when we say,

PERFORMANCE IN THE FIELD is the MEASURE OF A DISC HARROW!

USED EQUIPMENT

TRACTORS

7951 IH F1086D w/Cab
6432 IH 1586D w/Cab & Air
7302 IH 1486D w/Duals, Cab, A/C
7678 IH 1466D w/Cab 20.8x38
7372 IH 1466 w/Cab 20.8x38 F
7573 IH 1466 24.5x32
7379 IH 1456 w/Cab
7864 IH F1066D
7569 IH 1066 w/18.4x38 8P
7721 IH 966D w/YAR Cab 18.4x34
7865 IH 806
7606 IH F706D Narrow Ft. 16.9x34
7797 IH 656G Hydro w/2000 Ldr.
7844 IH Farmall 450D w/pulley,
7824 IH 424G
7846 IH 424G
7835 IH 500G Crawler Loader
7825 IH Farmall H w/pulley
7870 IH Farmall H w/pulley
7500 IH Farmall H 13.6x38
7059 IH Farmall M w/IH 2M 2 Row Cornpicker
7449 Ford 335 w/Loader (Industrial)
7861 MF 1805 4WD 18.4x38 Duals
7131 MF 1085 w/Duals, Ldr.
7183 Steiger Cougar III ST-251 w/20.8x34
7718 JD 2010 G w/12.4x36
7305 White 2-155 w/Cab & Air
7373 JD 8630 w/18.4x38 Duals
7722 IH 3300 B Skid Loader
7821 4120 Skid Loader

COMBINES

7897 IH 1460 Combine
7935 IH 1460 Combine
7495 IH 1440 Combine w/28Lx26 10P
7138 IH 915D Combine Hydro, Htr, A/C
6126 503C Combine w/Cornhead & Platform
7104 IH 815D Combine w/763 Crnhd & 13' Pltfm
7244 IH 815D Combine Hydro, 23.1x26 8PG
7608 IH 815D Combine Hydro w/743 Crnhd 13" Pltfm
7142 IH 715D Combine Hydro, A/C
7818 IH 715D Hydro Combine 18.4x26 Tires
7803 IH 615G Hydro Combine w/724 Cornhead, 13' Platform
7757 JD 6600 Combine - Gear
7737 JD 6600 Combine - Gear
7904 JD E4400G Combine w/13' Platform
7222 MF 510 Combine Hydro
5373 MF 300 Combine
7158 AC Gleaner F Combine
7438 IH 863 Cornhead
7436 IH 863 Cornhead
6474 IH 844 Cornhead 38"
7141 IH 843 Cornhead
9493 IH 744 Cornhead
5817 IH 744 Cornhead
4147 IH 4R Cornhead
4221 NH 4R Cornhead
3641 Gleaner GKS 44 4R Cornhead
5909 AC Gleaner A 438 4R Wide Cornhead
7719 AC Gleaner A438 Cornhead
5799 IH 810 15' Flex Platform
4639 IH 810 15' Flex Cutterbar
7789 IH 810 13' Grainhead w/Auto Hdr Control
4638 IH 810 Grainhead 13'
4260 IH 13' Grainhead
5152 MF 14' Grain Platform

OTHER EQUIPMENT

3288 IH 400 Planter 8R Cyclo
7607 IH 400 Planter 6R
6654 IH 400 Planter 4R Cyclo
6475 IH 400 Planter 4RW Cyclo
7623 IH 56 Planter 4R
7720 AC 600 Planter 6R No-till
7576 Deere 1240 Planter 4R
7567 IH 510 21x7 Comb Drill
7862 IH 510 18x7 Comb Drill
7910 IH 510 16x7 Comb Drill
7554 MF 43 22x7 Drill x. Grass Seed
7369 Bean B6-30MT-1000 Sprayer
6590 Kuker TOP 200 Saddle Tank
6928 Century 300 Gal. Saddle Tank
7555 Deere 150 Gal. 3 Pt. Sprayer w/Boom
7274 FMC Bean D020P300S
7321 Brady Flail Chopper
7856 Bush Hog 105 5' 3 Pt. Rotary Mower
7615 Brillion SSH-144-09 12' Rotary Cutter
7815 Woods 121 10' Twin Blade Mower
7826 NH 120 7' Cutterbar Mower
7752 NH 27 Blower

TILLAGE

7184 Krause 2413 Disk, 23'
7049 Krause 2413 Disk w/3 Bar Tine Harrow
7692 Krause 2204 Disk, 12'
7691 Krause 1924 Disk, 21'
7550 Krause 1588 Disk, 18'
7932 Krause 1587 Disk, 16'
7551 Krause 2224 Disk, 12'
7589 IH 475 Disk 13'
4544 Deere 330 Disk, 23'
7879 Deere 310 Disk 12'
6332 Deere 310 Disk 12'6"
7525 Deere AW 12' Disk
6972 Deere 12' Offset Disk
7561 Deere KBA Disk 12'
7662 Miller Disk 10' Hyd. Leveling
7751 Miller Disk 12'
7880 Bush Hog 24' Disk
7620 Hutch Master Rolling Plow Offset Disk
5584 Sunflower Disk 29'
6033 AC Disk 24'
7413 Oliver 252 Disk 10½'
7562 IH 800 10F Plow 18" Trailing
7504 IH 45 17 Shank 8½' Mounted Vibra Shank
6255 Cultivator for Farmall Cub
6982 IH 710 6F 18" OnLand Plow
6373 IH 700 5F 16" Plow
7913 IH 550 Plow 5x16
6470 IH 540 4F Plow
7543 IH 531 3 pt. 3F 16" Plow
7688 Ford 4F 16" 3 pt. Plow 3F
7847 IH 209A 2F 14" 3 pt. Plow
7747 McCormick 2F Disk Plow
6493 Glencoe 11 Shank 13'6" Chisel Plow
7537 Binkley 2111 Digger Disk 11 Shank Chisel

ALL NEW & USED PRODUCTS BACKED BY HOOBER PARTS & SERVICE

Radio Controlled Trucks For Better Service

C.B. HOOBER & SON, INC.

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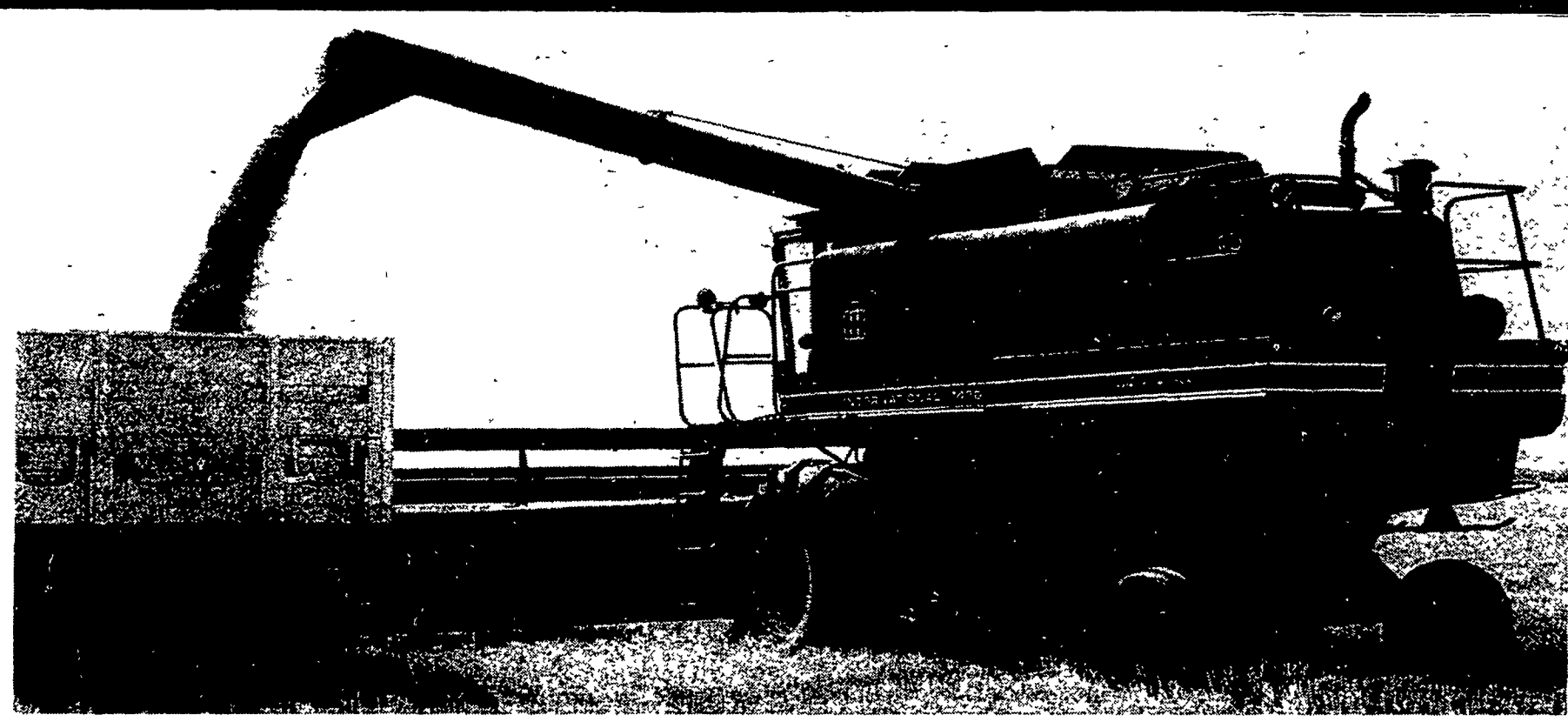
IH COMBINE HEADQUARTERS IN EASTERN PA.

FEATURING...

AXIAL-FLOW.... SIMPLICITY — THE MOST MODERN OF ALL



THE FIELD PROVEN IH AXIAL-FLOW COMBINES SAVE MORE GRAIN AND CAUSE LESS CRACKAGE

A COMBINE BOUGHT FROM HOOBERS'

OUR MECHANICS ARE FACTORY TRAINED

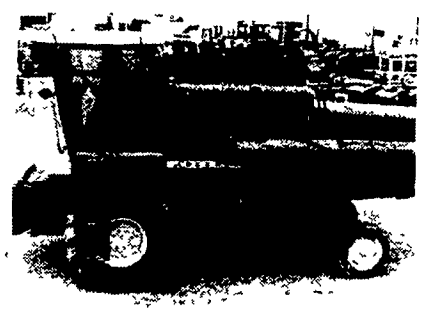
IS BACKED BY EXPERIENCED

WE STOCK COMBINE PARTS

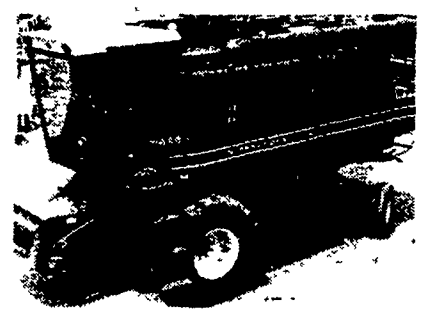
PARTS AND SERVICE PEOPLE WHO CARE

USED COMBINES

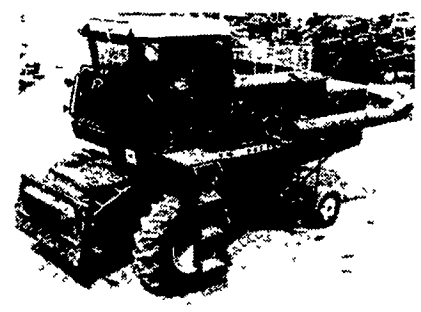
#7803 IH 615 Gas, Hydro, 724 Cornhead



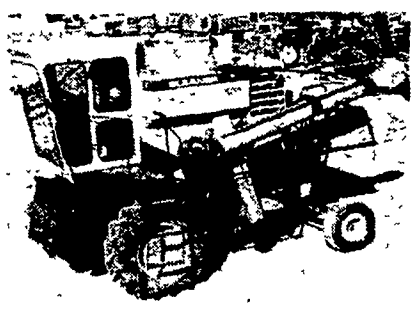
#7757 JD 6600 Diesel



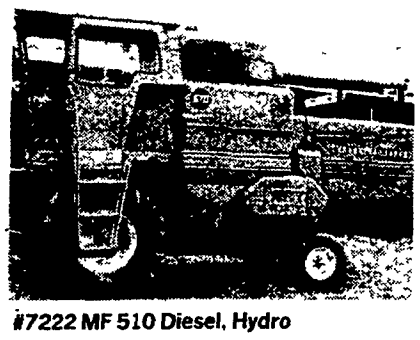
#7495 IH 1440 Diesel, Hydro



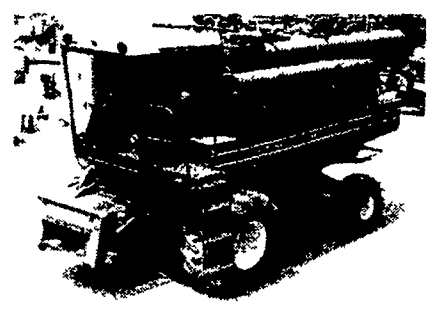
#7904 JD 4400 Gas, 1991 Hrs.



#7158 Allis Chalmers Gleaner F, Gas, A-330 Cornhead



#7222 MF 510 Diesel, Hydro



#7935 IH 1460 Combine Diesel Hydro, 6700x34x30 and 18.4x16.1 Tires

#5928 IH 815 Diesel, 1111 Hrs.

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VAN DALE

- Van Dale Products
  - All New Magna-Trac Ring Drive
  - Silo Unloaders 10' - 30' New & Rebuilt
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  - Conveyors - Auger & Single Chain
- T.M.R. Van Dale Mixer-Feeders - 4 Auger
  - Truck Mounts
  - Trailer Mounts
  - Stationary Units
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  - 1500 Gal. to 4500 Gal.
  - Soil Injectors
- Liquid Manure Pumps
  - Agitator-Filler
  - Centrifugal
  - Lagoon
- Uebler Electric Forage & Grain Carts
- Uebler 81D Gas Cart
- Uebler TMR Forage Carts
- Red Top Stainless Steel Trough Cattle Waterers
- Sollenberger Poured Concrete Silos Top or Bottom Unloading
- Double Chain Wood Conveyors w/Slip Clutch & ¾" Bottom
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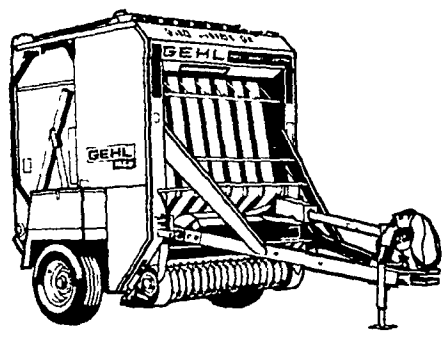
- Hedlund-Vaughan Chopper Pumps
- Leasing Available

Sales & Service

K & S INC.

RD 1 Quarryville, PA 17566
PH: 717-284-3111

Total Density Control



Gehl has Put Good Ideas to Work in their 1850 Total Density Control round balers With the patented "air-draulic" system, **you** control the size of the bale's center core and the density of the outer wrap to fit your operation and the crop's moisture content. The 1850 can produce bales 61" wide and up to 72" in diameter. Stop in today for more information on Gehl's 1850 heavyweight champs.

GEHL

Baler includes hydraulic twine wrapping mechanism with cylinder, hoses and belt lacing repair kit.

List Price...$12,750

SALE PRICE...$9,995.00

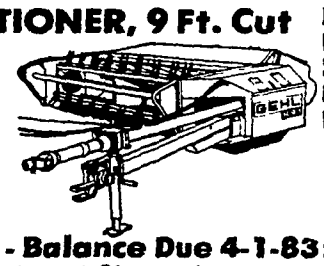
Delayed Payment Program
30% down, balance due
April 1, 1983

Full Line Of Gehl Equipment In Stock

GEHL 1090 MOWER CONDITIONER, 9 Ft. Cut

Includes
- hyd. cylinder
- hoses

Delayed Payment Program



30% Down - Balance Due 4-1-83
(No Interest Charges)

ONE ONLY AT $5,995.00

LEBANON VALLEY IMPLEMENT CO. INC.

Richland, PA PH: 717-866-7518

GEAR UP FOR WINTER WITH THESE USED TRACTORS

AC 7000 Cab & Air, 200 Cab & Air
Ford 3600 w/cab
JD 3020 w/cab
AC D17D w/loader, 160 D w/loader
Ford 821 gas w/loader

FOR SNOW PLOWING BIG & SMALL TRY ONE OF THESE:

AC 180, 175, 5040, D19, D17, D15, B
Same Saturna 80 4WD
IHC 806 D, 674, 464, 364, 230, 140, Cubs
JD 1520, 420
MF 135 gas & diesel, 30 gas.

Best Buy

Kubota 345 D 4 WD only 140 hrs. like NEW.

LOGGING?

JD 440 A Log Skidder

DIGGING TO DO?

Tractor Loader Backhoes
Case 580 D w/cab
Ford 450 D, your choice $6250.00.

LAST CALL ON USED FORAGE EQUIPMENT

Get Yours NOW - We're Going to Sell Them - Not Store Them
2 NH 707 3 pt. choppers, 33 & 36 flail choppers
Hesston 200-150, 7020
NH 770, 718, Super 717 - large selection of heads - NH Snader Heads 770, 1 row, 880-890 2 row
Used Grove & Freeman, Dion Forage Wagons, several used Short hopper forage blowers and a Farmhand regrinder blower

MANURE SPREADERS

Large selection of used ground drive, Tank and PTO Spreaders & many new ones ready to go

USED SNOW PLOWS

Large selection for tractor or front end loader mount, several for Pick Ups
Large selection of new double ring tractor chains

MISCELLANEOUS

2 Used 3 pt. hitch chisel plows, used Bush Hog 10' plowing disc
New and Used Grain drills
New and Used Hay & Grain elevators
New Bush Hog 5 ft. 3 pt. hitch mowers $595.00.
Used JD, 2 row PTO potato digger
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WOOD CUTTERS

New & Used 3 pt. hitch Farm Winches
Danhuser Wood Splitters
3 pt. Wood Saws

FALL SPECIAL

Little Giant Log Splitter LGA
24 Trailer Mounted - 10 Ton Splitting Force
List Price $795.00 - Now $645.00

CORN PICKER SPECIALS

NI 323 1 row Corn Picker, very good condition $3250.00
NI 325 2 row- narrow, choice of two, $4975.00

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ACRES OF USED EQUIPMENT AND TRACTOR PARTS.

WE WILL BUY OR TRADE YOUR USED EQUIPMENT IN ANY CONDITION.

H. SCHWARTZ & SONS, INC.

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NEW, USED and RECONDITIONED PIPE
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NEW ITEMS

Complete new 3 pt. hitch assemblies for 06, 56, 66, 86 IH tractors. Will economically replace 2 pt. or worn out 3 pt. hitches. Call for prices. Easy shift hydraulic trans. brake control for 06, 56, 66, 86 & 2+2 model IH tractors. Eliminates grinding, eases hard shifting & reduces shift linkage & gear wear.

Complete TA assemblies for 706-1586 are prices at $595 and come with a Dana Co. Heavy Duty Sprag instead of the usual IH sprag. **The Dana sprag is guaranteed for 2 yrs. against failure.** Sprag kits (includes sprag gear, Dana sprag & piston carrier) and all items for rebuilding your own TA assembly are available to qualified persons. Ramps and carriers for older style TA's (as in SMTA-340-560) are priced at $150 each and carry a 90 day guarantee. We have parts needed for TA repair in stock at prices which will save you money. Shop is available for complete TA installation or split the tractor yourself and send the center housing to us. **Complete rebuilt center housing available for installation in tractors which did not have TA from factory.**

Now buying tractors for our used parts dept. Let us bid on your damaged tractors.

Selling parts from the following:
Please have part no. when calling if possible...

Tractors - IH 1066, 806, 706G, 656D, 660D, 450D, 340, 300, M, SM, W-D9C, W-6 & A, JD 520, 3010, 2020D, 60, A, B, Oliver 1650-G.
Combines - IH 203, 815-D, fresh 407, JD 30 & 55, MF 35, MF 510 G Quick Tach., Uni- 701, 702 & 705 tractors, also 710 combines & 727 & 737 huskers.
Corn Heads - IH 429 WN, 430, 228, 227, 328 WN.

Parts shipped direct thru UPS & Parcel Post

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VICON WENT TO ALL LENGTHS TO MAKE A SEEDER-SPREADER THAT GOES TO ALL WIDTHS.

Visit your Vicon dealer to see the full line of new dimension Vicon Seeder-Spreaders. They're the most accurate on the market for applying seed, all types of fertilizers, trace elements, and most farm chemicals. Hopper capacities range from 400 to 2400 pounds. Best of all is the new ADJUSTABLE FEATURE that lets you spread in widths from 20 to 45 feet.

Glass-fibre reinforced polyester makes the hopper strong, yet lightweight and easy to clean. Other critical parts that come in contact with fertilizer are made of nylon or stainless steel.

the new DIMENSION in spreading

Vicon's proven oscillating-action spout provides even, accurate coverage on flat, sloping or uneven ground. Use it for everything from broadcasting to band-spreading. The hopper can be lowered to the ground to fill easily by hand or machine.

You need a multipurpose, multiwidth seeder-spreader like this. Vicon went to all lengths to make it durable, versatile, reliable and accurate.

See at TRIPLE H EQUIPMENT or RED WING FARMS or Ask For a Free Demonstration.
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Mowers — Rakes — Power Harrows — Seeders — Round Balers

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Vicon

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C&W HAS YOUR RED HOT #1 DEAL

The "smart" move is to buy NOW,

if you are planning a major equipment purchase this fall or next spring

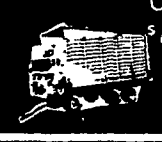
#1. Prices will never be better

#2. Buy now, pay 0% interest until sometime in '83, because of waiver of finance on most new and used equipment

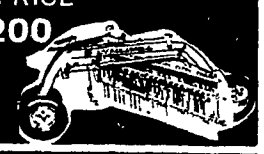
- Waiver of interest schedule
- Used combines, no interest until 6/1/83
- New and used tractors, no interest until 3/1/83
- New and used forage equipment, no interest until 9/1/83
- New and used hay equipment, no interest until 6/1/83
- New and used planters, no interest until 5/1/83

ONE ONLY SPECIALS

120 16' forage box, roof, 10 ton running gear, new tires
CASH PRICE
$4,950

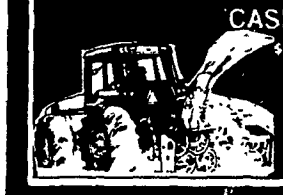


IH 35 rake equipped w/ dolly wheels, new
CASH PRICE
$2,200



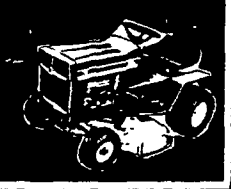
IH 1250 grinder mixer, new
CASH PRICE
$5,950

IH #80 snow thrower, upper auger
CASH PRICE
$1,775



IH 445 Baler w/#15 thrower, new, less cyl. and hose
CASH PRICE
$8,285

IH 382 11 HP Cadet w/36" mower, new
CASH PRICE
$1,575



IH NEW TRACTOR & EQUIPMENT SPECIALS

- 5088D* equipped w/20.8x38 rear tires, cab, 135 HP $37,500
- 3688D* equipped w/18.4x38 rear tires, Western cab, aux. fuel tank, 110 HP $33,900
- 3288D* equipped w/18.4x38 rear tires, cab, 90 HP $29,700
- 3088D* equipped w/18.4x38 rear tires, tilt steering, differential lock $20,900
- 1190 9' mower conditioner ... $6,285
- 120 16' forage box, roof, 10 ton running gear, new 13.5x16.1 6 ply tires $4,950
- 56 blower $2,650
- 445 baler w/#15 thrower less cyl. and hose $8,285
- 475 Heavy Duty 11'6" disk harrow equipment w/20" blades, 9.5Lx14 tires $4,475
- 4500 vibra shank field cultivator, 16'5" $2,570
- 730 adjustable width 4 bottom trip beam plow $5,575
- 5500 chisel plow, 7 shank, hi clear $2,275

SPECIAL - Amco 18' rock-flex wing disc harrow w/22" ¼" thick blades, new tires $10,650

USED TRACTORS

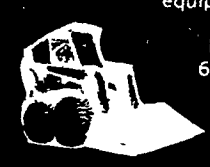
- JD 2520 diesel equipped w/Hinson cab
- IH Farmall 766 diesel, wide front; 3 pt. hitch $13,750
- IH Farmall 806 diesel, cab, dual rear tires, wide front, 3 pt. hitch $8,750
- IH 464 3 pt. hitch, dual aux. valves, PS, used only 480 hours $6,500
- Oliver 77 good rubber $1,200
- AC model C w/cultivator, good rubber $1,200
- IH Farmall 686 diesel $12,900
- Hyster 7500 lb. forklift dual solid drive wheels, 10' lift, PS . $8,000

(Waiver of interest available till 3/1/83)

USED EQUIPMENT

- IH 830 forage harvester w/2 row corn head $6,500
- NH 880 harvester w/2 row corn head $3,750
- IH #15 harvester w/1 row corn head, clean $1,000
- JD #24T baler w/thrower $1,250
- IH 37 baler w/thrower $800
- IH 110 side mounted sickle bar mower $675
- Athens 11'6" disk harrow, disked 10 acres $2,150
- Walsh 200 gal. sprayer, excellent $1,350
- Walsh 550 gal. sprayer $1,500
- NH 40' elevator w/gas engine .. $1,275
- IH #93 combine w/10' platform $3,000
- IH #71 flail mower $500
- IH #1300 sickle bar mower

1 owner IH 4140 skid steer loader, 4 cyl. water cooled 40 HP engine, used 137 hours, equipped w/60" material bucket and 60" manure fork, all gear drive



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JD 4040 RG & Power Shift $18,000
JD 4040, cab, QR, 1100 hrs., like new . $24,900
JD 2240 4 whl. drive Rental Unit $15,900
JD 520 ..... $2400
White 4-150 w/duals ... $13,500
Ford 1600 Dsl $4,500

COMBINING:

JD 40 ..... $2900
JD 6620 side hill w/15' platform $52,000
JD 40 Square Back w/2 RW & 10' Grain $5000
JD 7700 Turbo Hydro w/15' Grain Platform $30,000

PLANTERS:

JD 1250 6 row plateless w/monitor $1900
IHC 400 cycle 6R w/No-Till Pop. Monitor, Ex. Cond. $3200
IH 56 4R Disc Openers

TILLAGE:

JD 350 5/16 reset plow w/cushion coulters ... $3100
JD 145 5/16 Plow $1000
JD 220 Center Fold 18'6" Disk, Cushion Gang Attach. $4950

FORAGE:

JD 3800 Long Tongue for parts $1100
Gehl Chop-All 2R and Pickup $1200
Gehl Chop-All 1R and Pickup $1000
Fox FA w/1 Row Pickup DC $600
IH Pickup Head for 650 Harvester $500
Coming In...
Fox Sp w/2R Narrow Snapper Head 2R Narrow Corn Head & Pickup

HAYING:

IH 1290 Mow. Cond. 12' .. $2100
IHC 990 Mowr Cond. $1085
NH 268 Baler w/thrower . $1385

MISCELLANEOUS:

Oliver #5 Picker, 1 Row .. $1200
JD 400 Grinder-Mixer ... $2600
Cozy Cab for JD Utilities $1200
JD 13x7 Drill $985
IH 16x7 Drill $1285
Brillion 10' 3 pt. seeder $2500
Coming In...
JD 300 Husker w/244 Corn Head
Coming In...
NI 325 Picker w/8 R. w/Husking Bed and Sheller Attach.
TRACTORS:

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WINELAND EQUIP. INC.
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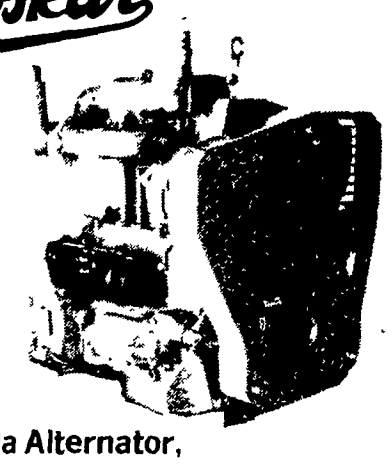
GOT A MATCH?

SURE! MY KIRLOSKAR DIESEL ENGINE AND YOUR MILK COOLING SYSTEM... A PERFECT MATCH!

Kirloskar



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Includes:
Delco Starter, Motorola Alternator, Fram Fuel & Oil Filters, Oil Bath Air Cleaner, and Industrial Muffler.
Air-Cooled & Liquid-Cooled Diesels Available Up To 100 HP

10% OFF LIST TIL NOV. 30th

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OVER 180 TRACTORS SOLD THIS YEAR

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TRACTORS

FARMALL TRACTORS

1086 ROPS - Nice $12,400
100 Hydro w/Rops $7650
H $650
444 Utility - Nice $3950
Cub w/Rotary Mower & Cult. $2350
Super M w/NI 319 picker . . . $3500
656D $3950
M - Live Hyd $1150

JOHN DEERE

60 w/NI Mounted Picker . . . $2800
4430 Cab - Air - Syncro . . . $16,400
4520 - Nice $8700
4320 ROPS - WTS $12,300
4320 . . . . . $11,300
5010 . . . . . $6300
820 - 2 Cylinder $3000
720 Gas $2350
3020 Powershift $5975
4020 - Side Console $8900
A - New Paint $950

CASE

1370 - 20.8x38's $8500
1070 Cab - PS $7250
830 CK $3200
VAC - Nice $1250
580 CK w/Loader & 3 pt. . . . $5650
1212 - Powershift $6950

LONG

310 - New $5900
310C - New $5900
560 4 WD $4950
610 4 WD - New $10,900
560 4 WD $3300
550 . . . . . $2900

MASSEY FERGUSON TRACTORS

1105 . . . . . $8200
175D $5900
1130 . . . . . $6500
180 - Gas $4850
85D $3950
44 Gas $695

ALLIS CHALMERS

(2) D21 w/Cab - Nice $7850
220 . . . . . $8500
(2) G w/Asst. Tools $1500 to $2000

OLIVER

1855 - Cab - 1700 Hrs. $9800
1650 - Nice $4950

FORD

5600 - 1977 Model $7900
2000 w/Mower $3900
NAA $2750
8N w/Clock $1675
600 w/Loader $3000
8000 . . . . . $4900

"8" 4 WHEEL DRIVE TRACTORS

From 30 HP to 225 HP

MF 1805 - Cab - Air - 3 pt PTO - Duals - Nice $19,500
White 4-180 - Cab - Air - 3 pt - PTO - Nice $14,300
IH 4166 - Cab - Air - 3 pt - PTO - Nice $12,150
Long 610 - New - Rollbar . . $10,900
Long 560 - 3 pt & PTO - Spider $4,950
Long 560 - 3 pt & PTO $3300
Ford Major 4WD $3850
4WD Unit to Fit IH $1200
4WD Unit to Fit Oliver $2500
Case 1200 - 3 pt - PTO Cab $7700

BEST PRICES AROUND ON WAGON GEAR'S

ALL ON 15" RIMS

6 Ton - Standard $395
8 Ton - QL Tounge - 8" Rims $545
10 Ton - QL Tounge - 8" Rims $595
12 Ton - QL Tounge - 10" Rims $875
11 Ton Tandem - QL Tounge - 8" Rims $875

3 Pt. - PTO - WOODSAW
30" BLADE
ONLY $495.00

TRACTORS - MECHANICS SPECIALS

Farmall 806D $3950
(2) Farmall 706 . . . . . $3450
JD 4020D $5250
IH 656 D Hydro $3900
Oliver 1750 . . . . . $3500
AC WD45 w/2X Picker $2350
JD 2510 . . . . . $3250
MF 180D $2800

WANTED:
FARM TRACTORS - CRAWLERS - COMBINES - MACHINERY ON CONSIGNMENT

COMBINE CORN HEADS

NARROW ROW
IH 833-743-733-429-329-863
JD 643-443-343-434-334-313-335
AC 630-430-330
Oliver 703N-531
MF 63-43-33-321
NH 4x30 QT
Case 4x30-3x30
NI UNI - 3x30 - 4x30

WIDE ROW
IH 744-429-329-327-724-229-228-227-25-22-844
JD 434-334-234-210-205-10-344-244-444
AC 440-435-240-238
Oliver 544-531-522-512
MF 44-24-422-322-222-22-20
NH 2x40
Case 4x40-2x40
NI UNI 3x40-2x40

COLLECTORS TRACTORS

- JD "Unstyled A", 1936, complete Restoration Done . . . $2800
- Fordson, Running w/New Rubber $1800
- Farmall "F20" w/Loader,, 1939, 1 Owner, Original $1000
- JD "L", Running, 1 Row $1000
- JD "H", Not Running, Hand Crank $850
- JD "A", Styled, Hand Start, Nice $950
- Oliver "70" w/Loader, Runs $875

RAKES
MF-NH-JD

CULTIMULCHERS
10'-12'-14'-16'

HARVESTERS

NH 717 & Super 717
JD 25-35
Fox & AC
1 Row to 3 Row Cornheads
Direct Cut Heads
Pickup Attachments
Fox Flail Head
Snapper Heads For:
NH Fox - JD

DRILLS
JD & IH
15 to 21 Disc

CORNPLANTERS
1 Row to 8 Row
JD-AC-IH-Ford

CULTIVATORS
1 Row to 4 Row
Lots of Makes
And Models

DUALS
New & Used
All Sizes

CORNSHELLERS
JD #6 . . . . . $1500
MM 1200 . . . $3800-$4500
JD 43 - 3 Pt. $875

COMBINES
JD 7700 D - Fire Damage $7900
JD 4400 - Nice - Rotary Screen $14,100
JD 55 SB $5500
JD 45 SB w/2 Hds. $5900
MF Super 35. . . $2950
IH 82 Pull Type. $3500

GRINDER MIXERS
Gehl - Nice $3450
NH 354 - Nice . . $3850
NH 352 . . . . . $1500

HAYBINES
NH 479
(2) NI Cut ditioners

STACK MOVERS
Hesston 10W & 30
JD 200

DISC'S
3 Pt. - New & Used
Wheel Type From 8' to 24'
Offsets From 10' to 16'

CABS
New & Used $495 & Up
Tractors & Combine
Rollbars . . . $200 & Up
Cab Coolers $500

ELEVATORS
32' to 40' - $695 & Up
NH Mow Conveyors
Belt Conveyors
Corn Drag $395

LOADERS
Good Asst.
All Used

PLOWS
1 Bottom to 7 Bottom
All Makes -
Some Resets

NI UNI SYSTEMS
701 Tractor w/cab
727 Husking Bed
2x40 Cornhead
3x30 Cornhead
710 Combine Grainhead
3x30 Chopper Head
Pickup Head
High Moisture Throat
2x40 Chopper Head
3x40 Corn Head
760 Chopper
717 Combine

NEW EQUIPMENT SPECIALS

6 3 pt Scraper Blades . . . $195
7' 3 pt Scraper Blades . . . $250
8 3 pt Scraper Blades . . . $350 & $795
Landscape Boxes . . . . $450& up
6'6" 3 pt Disc s . . . $500
Spike Harrows . . . $500-$600
3 pt Fert Seeders . . . $350
Round Bale Feeders . . . $145
3 pt Boom Poles . . . $49
3 pt. P T O Wood Saws . . . $495
3 pt 9' P.H Digger . . . $450
165 Bu Gravity Boxes . . . $465
210 Bu Gravity Boxes . . . $565
5 3 pt Rotary Mower . . . $495

BALERS
NH - MF - IH

CORNPICKERS

NI 325 8 Roll $2900
NI 325 12 Roll $6900
NI 324 12 Roll $3900
NI 319 12 Roll $2000
NI 305 8 Roll $1250
NI 325 Sheller . . . . . $$2500
NI 311 Sheller $1500
NI 331 . . . . . $1500
Woods 1X Pull $795
Ford (Blue) 2X MTD $1350
Extra Sheller Units
Extra Grinder Units

MISC. MACHINERY
Rotary Hoes
Lely 13' Roterra
4' to 10' Snow Plows
Post Hole Diggers
Lime Drills
Potato Plows
1X & 2X Potato Diggers
GT 270 Dryer
Mc 600 Dryer

MANURE SPREADERS
NH - NI - IH Single Axle . . . . . $395 & Up
NH Tandem Axle $2850

WAGONS

6-8-10-11-12 Ton Gears . . $395 & Up
New Bale Bodies $495
New 16' Feeder Rack $595
Used 18' Feeder Rack & Gear . . $595
Used Bale Body & Gear $595
Used Bin Wagons . . . . . $695 & Up
Self Unloading Wagons . . . $795 & Up

COME TO THE PEOPLE THAT DO BUSINESS

NEW LOWER PRICES

WENGER'S INC.

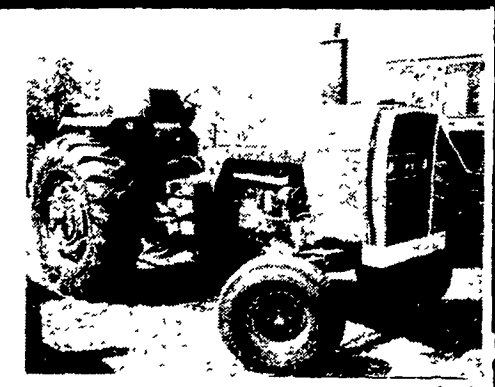
251 S. RACE ST. MYERSTOWN, PA 17067

DAYS: 717-866-2135
NIGHTS: 717-866-7147
or 717-273-9089

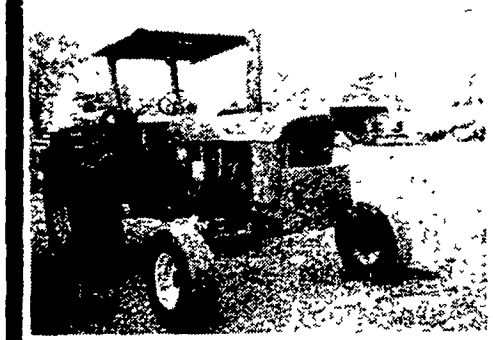
Case 1200 - PTO 3 pt - Quick Hitch - Runs Good $7700

JD 4430 - Cab & Air - 20.8x38's - Good Condition - $16,400

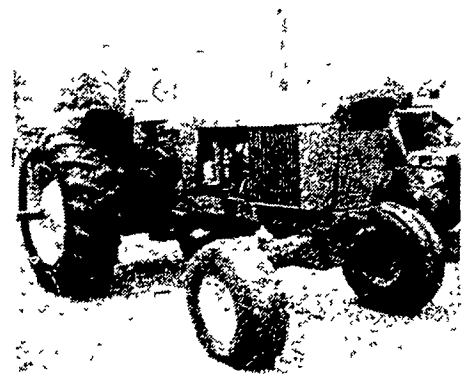
Farmall 1086 - Good Condition - $12,400



1973 MF 1105 on 38" Rubber - Only $8200



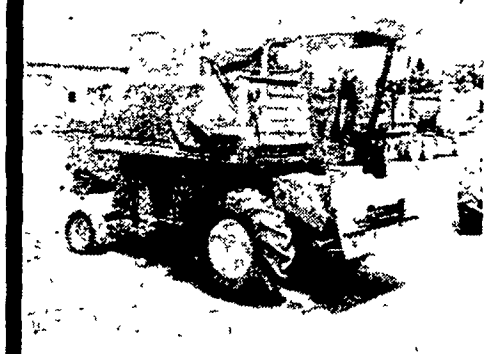
JD 4320 - Nice Tractors - Choice of Two - $11,300 & $12,300



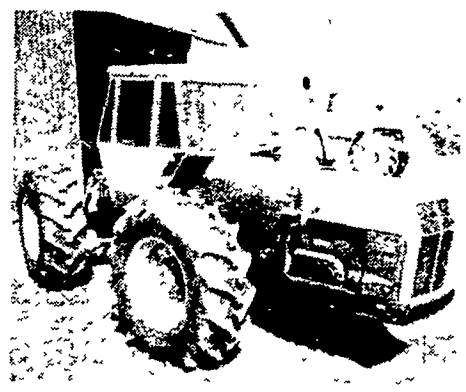
1969 JD 4520 Side Console Nice $8700

AC D21 Series 2 - Very Nice - Choice of Two - $7850

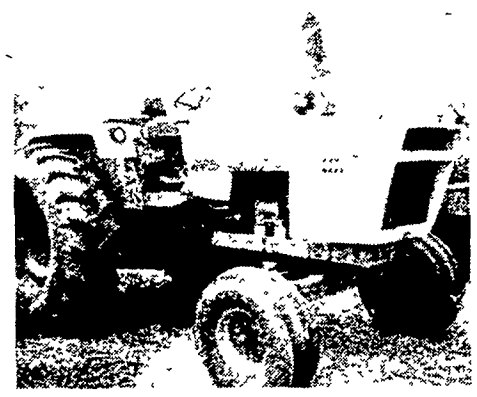
1973 IH 4166 - Cab - Air - 3 pt. PTO - Low Hours - $12,150



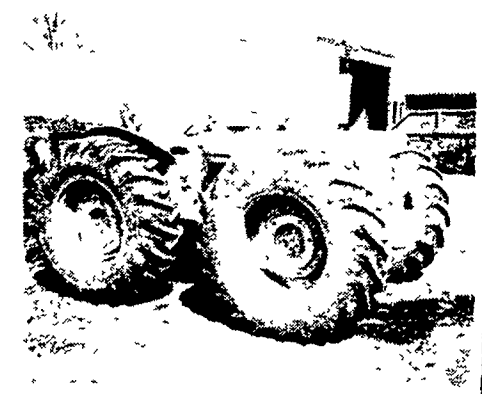
JD 4400 Gas Combine, 1800 Hours - Very Clean - $14,100



1977 White 4-180 - 3 pt. & PTO 1160 Hours - 3208 Cat Diesel - Only $14,300



1973 Case 1370 New 20.8x38 Rubber Only $8500



Ford Major 4WD 3 pt. & P.T.O. Cheap 4WD Power $3850

1970 Case 1070 Powershift - 38" Rubber $7250

CONSTRUCTION EQUIPMENT

CRAWLER DOZERS

Cat D8 . . . . . $1500
JD 450 6 way
As Is $4800

TRAILERS

1969 Great Dane
35 ton
detachable . . $14,750
New 2X-4 Ton . . $1350
New 3x6 Ton. . . $2000
New 3x5 Ton. . . $1750

JD 45EB Combine, 10' Grain - 234 Corn, Nice. $5900

1974 Ford Diesel Grain Dump, 18' Bed - Cattle Racks - 5 + 2 Trans. $11,900

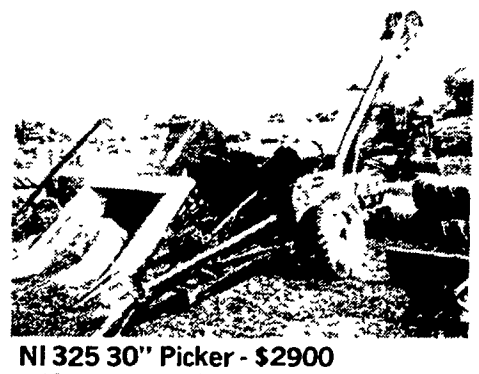
JD 55 SB Combine - $5500 - As Is

BACKHOES

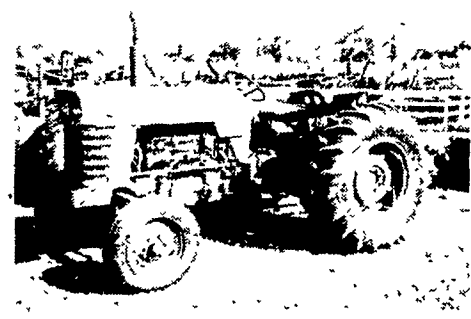
Long 3 pt.
Hoe-new $3900
Long 5 in 1
w/cab. $15,900
3 Pt. Backhoe . . $2400
Case Hoe
Attach . . . $700-$1700
JD 310 w/cab $12,500
JD 93 Hoe
Attach. $2900
IH 350. . . . . $3950

CRAWLER LOADERS

Cat 941 . . . . . $14,900
Cat 933 . . . . . $7900
JD 350 . . . . . $6900
IH T6. . . . . $2900
AC HD6 . . . . . $4900



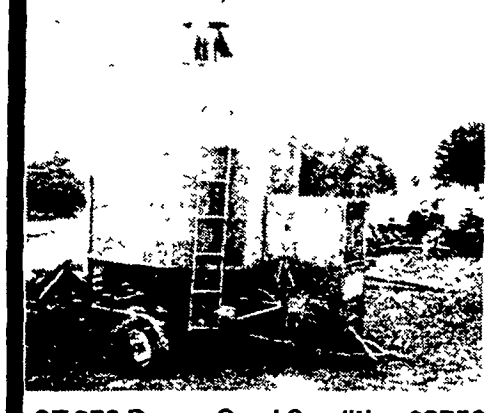
NI 325 30" Picker - $2900
1 More Available - $6900



1969 MF 175 Diesel - Alternator M.P. - $5900

TRUCK TRACTOR

1974 Ford
Louisville
Diesel $7450
1979 GMC Cab
Over $17,900
1970 White. . . . $2950



GT 270 Dryer - Good Condition $3750

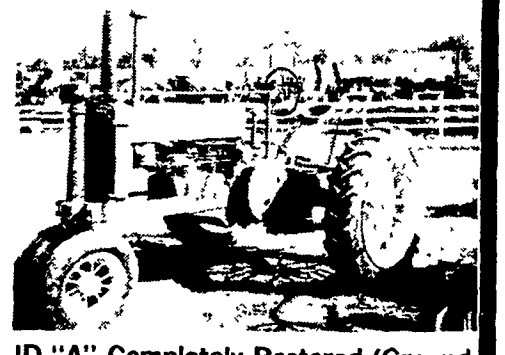
MISC. CONSTRUCTION

(40) Used hoe
buckets . . . From $150
(25) Loader
buckets . . . . From $95
(30) Set forklift
forks . . . . . From $300
(6) Winches . . . . . Call
Adams Grader . $1750
Huber
Maintainer $2500
Michigan 75 4WD
Loader Diesel . . $5900
OMC Skid Steer $3000

CONSTRUCTION DUMPS

(2) 1974 IH & Ford
Diesels w/9' Bodies -
Air Brakes . . . $10,500

Farmall Super M with NI 319 Picker - $3500. More on Stock.



JD "A" Completely Restored (Ground Up). Powertrol - $2800 - 1936 Year.

FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT

USED TRACTORS

JD 730 Gas
JD 3010 Gas
JD 4010 Diesel
JD 4040 Diesel

JD 4430 Diesel
Allis Chalmers G w/cult.
MM335 w/Loader

USED TRACTORS WAIVERED TO MAR. 1, 1983

USED EQUIPMENT

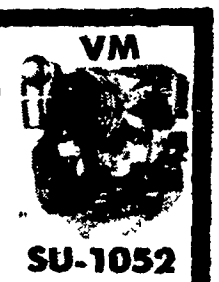
Hesston PT-10 & PT-7 Mower Conditioners
Tye No-Till Drill, 10 Ft., Like New
JD 6-Bottom Plow, 16"
NI 319 2-Row Cornpicker

SHOTZBERGER'S EQUIPMENT
Elm, Pa.
Phone: 717-665-2141

DEUTZ

REPAIRING & REBUILDING OF ALL KINDS OF DIESEL AND GASOLINE ENGINES

VM



2 Cyl. F2L-912

SU-1052

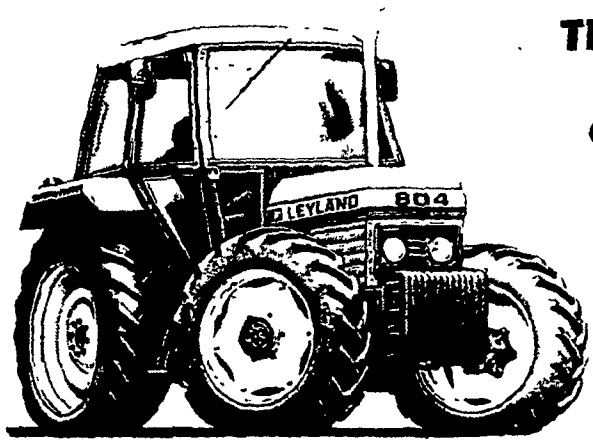
USED DIESELS
SR-3 Lister
SR-2 Lister

MECHANIC'S SPECIAL
HR-392A VM Diesel

CHECK OUR PRICES AND LABOR RATES FOR SERVICE CALL:
717-768-9006 (7 A.M. - 5 P.M.)
717-354-4374 or 687-6874 (after hours)

James E. Horst
INDUSTRIAL ENGINE SALES AND SERVICE
Box 476, Intercourse, PA 17534

Leyland



TRACTOR SALE OF THE YEAR

Look At These Leyland Sell Down 82 Prices

- Model 604E w/cab, 60 HP, 4 WD $14,995
- Model 702E w/cab, 70 HP, 2 WD $13,500
- Model 704 Non cab, 70 HP, 4 WD $12,600
- Model 704E w/cab, 70 HP, 4 WD $16,500
- Model 802E w/cab, 80 HP, 2WD $14,000
- Model 804 Non Cab, 80 HP, 4 WD $14,400
- Model 804E w/cab, 80 HP, 4 WD $17,800

LONG TERM LEASING AVAILABLE THROUGH: Agri-Lease

HEISEY FARM EQUIPMENT, INC.

Sales, Service and Parts
RD 1, Box 2294, Jonestown, PA 17038
Phone (717) 865-4526 or 865-4028
Located ½ Mile South of Fredericksburg Off Rt. 343 in Shirksville
Business Hours: 7 A.M. to 5 P.M. Daily;
Sat. till Noon, Evenings by Appt.

Erb & Henry's **value harvest**

Thank You... For Attending Our Red Power Showdown - Oct. 28 & 29

★ FAHR HAY TEDDERS ★

NEW RHINO 131 12' 11" FLEXIBLE DISK HARROW
24" smooth blades ¼" thick, 9½" spacing, new dual tires & tubes, furrow filler & set up, list $8257 ..... SALE $ 7,000

LITTLE GIANT ELEVATOR
42' w/PTO drive ..... SALE $ 2,550

FIDELITY 35 KW ALTERNATOR
with trailer and PTO, list $4295 ..... SALE $ 3,550

UEBLER 790 ELECTRIC FORAGE FEEDER
with batteries, list $3860 ..... SALE $ 3,300

VICON 620 HAY RAKE
4 Wheel, 3 Pt., list $1100 ..... Was $900 SALE $ 650

VICON H820 HAY RAKE
5 Wheel, 3 Pt., list $1375 ..... Was $1,000 SALE $ 850

STARLINE 930 ROTO-SPREADER ..... Old, Old Price

VICON SPREADER SPECIALS
• Model 302 - $595 • Model 402 - $870 • Model 602 - $1020
• Model 802 - $1075 • Model 1002 - $1225

• John Blue Sprayers In Stock!
• Farm Bilt Bale Wagons In Stock!
• Athens Model 76 Double Offset 11'8 In Stock!

COMBINES!

★ New IH 1460 Axial Flow Combine In Stock!
★ IH 1420 Combine - In Stock
★ 963, 944, 943 Heads In Stock!
★ 820 15' Floating Cutter Bars!
★ 810 15' Cutter Bar (Old Price!)

• We Specialize In IH Combine Parts and Service

ASK ABOUT IH RED EDGE "PERFORMANCE SAVINGS"
NEW 30 and 50 SERIES TRACTORS AVAILABLE AT 9.9% FINANCING OR SAVINGS UP TO $2900!

INTERNATIONAL® AGRICULTURAL EQUIPMENT

Ask About Cash Rebates
On Loaders, Tillage, Hay & Other Equipment

IH 1250 GRINDER MIXER ..... Old Price
IH 1350 GRINDER MIXER ..... Old Price

DEMO IH 501 DISK HARROW - 12'5"
26" blades ¼" thick, dual wheels w/new tires, furrow filler w/blade, hyd. cyl hoses & fittings, set up, list $8031 ..... Was $6,225 SALE $ 5,925

IH 315 20' PACKER MULCHER HYD. FOLDING
Hyd. transport cyl., front scrapers, leveling bar, A&H, list $9312 ..... Was $7,900 SALE $ 7,500

IH 415 PACKER MULCHER,
10'2 ..... Old Price

IH 482 CUB CADET 11 HP
4 Speed, single cyl., Briggs & Stratton, hand lift, 38" mower FREE ..... SALE $ 2,495

IH 786 Diesel
w/o ROPS, 18x4x34 Tires. ..... SALE $19,800

IH 2250 & 2450 Loaders ..... Available At Old Price
IH 4130 Gas Skid Loader, Demo. ..... Call For Price!

NEW! New IH 496 CUSHION GANG FLEX WING DISC HARROW w/EARTH METAL DISCS NEW!
• 22 FT. DEMO IN STOCK - ONE ONLY - CALL FOR PRICE
• 19 Ft. 1 In. Also In Stock!

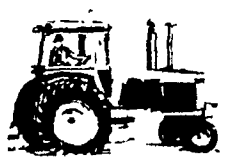
• IH 3 pt. 181 Rotary Hoe In Stock!
• IH 4 & 6 Row 183 Cultivators In Stock!

NEW IH 600 BLOWER — IN STOCK, READY FOR DELIVERY

ERB & HENRY EQUIP., INC.

New Berlinville, PA. 19545
Ph: (215) 367-2169
Daily 7-5; Sat. 7-3

We're An "XL" Dealer!



LANDIS BROS., INC

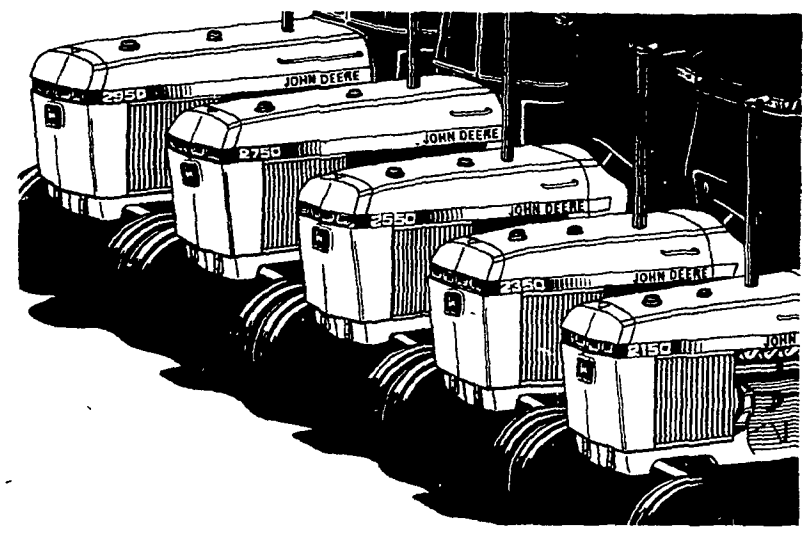
1305 Manheim Pike, Lancaster, PA 17601
Phone - 717-291-1046

JOHN DEERE DESIGN, DEPENDABILITY AND DEALERS MAKE THE DIFFERENCE

HERE NOW - NEW JOHN DEERE 45-85-HP* TRACTORS

You won't find a more outstanding way to add productivity to your operation than with a new John Deere Efficiency Expert. The list of features includes a synchronized transmission, independent PTO, closed-center hydraulics and much more. Plus, each tractor features an extra five horsepower over previous models. And an outstanding choice of options includes John Deere's new Caster/Action™ MFWD for more usable horsepower efficiency and Sound-Gard® body for more operator efficiency. Stop in soon for more information on the new Efficiency Experts.

*Horsepower measured at the PTO at 2500 rpm in factory tests



JOHN DEERE

NEW EQUIPMENT SPECIALS

JD 2440 RU 28" whls. Hi/Lo
JD 2640 HU 38" whls. Hi/Lo
JD 4240 Quad w/sound body
JD money bonus & waiver to March 1, 1983

JD 327 Baler w/#30 ejector
JD 337 Baler w/#30 ejector
JD 347 Baler w/#30 ejector
JD waiver to May 1, 1983

JD 7000 4&6 row planters
JD money bonus & waiver to April 1, 1983

JD 115, 215, 235, 315 disk harrows
JD money bonus

JD 6620 side hill combine w/215 flex platform w/643 corn head

JD 125 Dsl. skid steer loader
JD 90 skid steer loader
JD 6500 forage blower
JD 750 grinder mixer
JD 465 flail spreader
JD 158 manure loader

NI PTO manure spreaders
Special trade allowances $500 to $1300

NI 323 1-row picker
NI 272 7' cut/ditioner

CHECK THESE SPECIALS CALL RIGHT AFTER 7 A.M. For Information & Price

Used Tillage Equipment

JD 350 6B p/reset plow
JD 350 4B p/reset plow
JD 810 2B 3-pt plow
Ford 2B 3-pt plow
AC 4B 3 pt. plow
JD 111 10' disk harrow, 28 bl
JD Kilhefer 20bl offset
JD AW 15'2" disk harrow 44 bl
JD 12' spring harrow
JD F930 15' 3-pt roller harrow
Dunham 12' roller harrow
Brillion 9' cultipacker
Brillion 14' triple gang packer

Used Planting Equipment

Like New! JD 8350 fert. grain drill 23x7 w/gsa.
JD FB17B single disk grain drill
Ontario 16 disk drill w/GSA
JD 7000 6R Corn planter w/fert.
JD 7000 4RN planter w/fert.
JD 7000 4RW planter w/fert.
JD 1240 4R PLATE TYPE planter
JD 1240 4R plateless
JD 1250 6RN plateless
JD 1440 4R no till w/80 units
AC 500 4R planter w/fert.

Used New Idea Uni-Equip.

705 Dsl. power unit w/cab and 767 Super Chopper w/3 RW RC
702 dsl. power unit w/cab
760 chopper w/2RW RC
769 flail mate
762 2R 38" RC
766 Hay Pick-up

Used Forage Equipment

JD 3800 Harvester w/electric controls w/sharpener
JD 8' mower bar attachment

Used Manure Hndl Equipment

Farm Hand loader
JD 46A loader
NI 206 gr dr spreader
NH 365 tank spreader
NI 213/217 single beater spreader
NI 214/215 flail spreader
NI 218 8½T tandem ax spreader
NI 224 10T tandem ax spreader

Used Combines & Corn Heads

MH 82 12' S-P
JD 7700 dsl w/14' platform
JD 444 4RW corn head

Used Corn Pickers

NI 325/327 2RN picker
NI 311/313 2RW picker
NI 10 1R picker

Miscellaneous Equipment

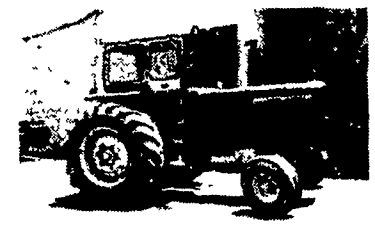
JD 16A chopper
JD RG430 4R cultivator 3-pt
JD tool bar w/5 teeth
JD 642 rotary hoe
JD 314 rotary hoe
JD 32B sprayer 20' boom
WALSH sprayer 27' boom
JD 507 7½' PT gyramor
King Kutter 6' 3-pt cutter
Ford 7' flail mower 3-pt

NEW IDEA 95 BU. GROUND DRIVEN SPREADERS

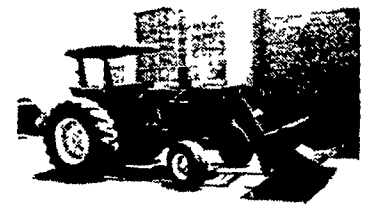
Deferred payment until Nov. 1, 1982

206 New Idea Spreader Available
With or Without Steel Wheels
With or Without Endgate Att.
For Shipment NOW Order Yours Today.

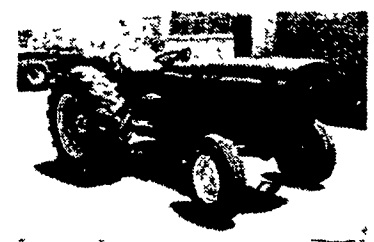
USED TRACTORS - NOW AVAILABLE FOR FINANCING WITH WAIVER OF FINANCE CHARGES TO MARCH 1, 1983.



JD 1972 4620 DIESEL
w/power shift, cab, heater, radio
WAS ~~$18,500~~ REDUCED TO $17,500



JD 2640 HU DIESEL
w/roll guard, canopy and 146 loader w/84" bucket
WAS ~~$17,900~~ REDUCED TO $16,500



JD 1974 2630 DIESEL
WAS ~~$11,000~~ REDUCED TO $10,200

JD 1972 4230 DIESEL
quad/sound body
WAS ~~$17,500~~ REDUCED TO $16,900

JOHN DEERE 1963 3010 DIESEL
WAS ~~$5850~~ REDUCED TO $4950

JD 4030 SYR Range, 4 Post Roll Guard w/Canopy, Front Wts.
AC 5050 Dsl. w/Loader
MF 65 dsl.
JD 4020 PS WFE
Farmall "M"
JD M w/Loader

LANDIS BROS., INC.

1305 Manheim Pike, Lancaster, PA 17601
Phone -717-291-1046

JOHN DEERE

FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT

USED EQUIPMENT

NI 708 power unit and 702 power unit
737 husking bed
717 combine
713 combine
744 corn head
731 corn head
NH forage harvesters:
(2) 770 w/heads
(1) 717 and (1) 718
NH 351 grinder mill
NH Super 68 baler
AC Model L Gleaner combine w/4 row corn head and 15' grain platform
Oliver semi-mounted 4 bottom plow

Used corn pickers:
NI 324 2 row corn picker
NI 324 picker sheller, 2 row

NEW EQUIPMENT

802 Uni power unit
767 Uni chopper
766 pickup head
844 N corn head
768 corn head
1 Field Queen 7600 self-propelled SOLD forage harvester
1 7020 Hesston forage harvester
1 7140 Hesston forage harvester
2 7316 Hesston forage boxes
2 Hesston round balers
1 324 NI corn picker
2 323 NI corn pickers
NI 213, 214 and 245 manure speaders

AC Tractors:
6060 4 wheel drive
6140 4 wheel drive
8010
(2) 5050
1 M combine
(1) 2600 disc
(1) 2500 disc

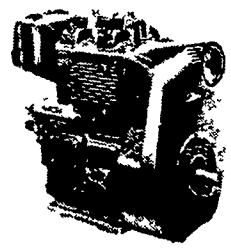
AIRVILLE EQUIPMENT, INC.
P.O. BOX 37
Airville, PA
717-862-3967

JOHN DEERE

USED EQUIPMENT
JD 4630 Tractor
JD 215 Flex Head
JD 7700 Hydro Combine

Cooper Ent., Inc.
Box 12, Cecilton, MD
301-275-2195
Evenings Call Gary
301-885-2248

Peter



Let Us Know Your Service Problems
HOOVER DIESEL SERVICE
PH 717 656 6133
2998 West Newport Rd
Ronks PA 17572

USED TRACTOR SALE

	List	SALE
JD 4000 tractor	$12,500	$9,600
JD 4010	8,900	8,400
JD 2520	8,900	7,800
JD 2510	7,000	6,200
JD 2030, rollguard and canopy	8,800	8,300
JD 730	4,200	3,200
JD 70	2,800	2,200
JD MT w/cultivator and plow	2,100	1,600
JD A w/227 picker	2,200	1,500
MF 65 diesel	3,200	2,600

USED EQUIPMENT

	List	SALE
JD 18 corn picker	1,600	1,400
IHC 16 harvester	1,495	995
JD 37 loader	995	850
NI 504 loader	450	350

SALE - JD 6620 combine, 1 year old w/643 head. List price $74,400
Sale Price $67,400

JOHN DEERE
AUKER-ENA EQUIPMENT, INC.
Oakland Mills, PA 17067
717-463-3511 436-2235

VERMEER | HEDLUND MARTIN INC. | Vicon

NEW EQUIPMENT

- ~~Vermeer 504 F Baler~~ SOLD
- S Scranton Bale Feeders
- Vermeer & Scranton Bale Movers
- Martin S1263 Spreader
- (4) Vicon 4 Wheel 3 pt. Hitch Rakes
- (1) Vicon 6 Wheel Trailer Rake
- (3) Vicon 600 lb. Spreader
- (3) Vicon 950 lb. Spreader
- (2) Vicon 1900 lb. Fert. Spreader
- (1) ~~(2)~~ Vicon 8' Mower Conditioner
- Haybuster 1068 Semi-Mounted No-Till Drill

USED EQUIPMENT

- ~~MF 9' Haybine~~ SOLD
- Int. 9' Haybine
- Vicon 8' Mower Conditioner
- Vicon 10 ft. Power Harrow
- Brady Flail Shredder
- Martin 3300 gal. Liq. Spreader
- Hawk Bilt 257 Tank Spreader
- New Idea Manure Spreader
- Hesston 12' Hydro Swing Haybine

RED WING FARMS
R.D. #1, FLEETWOOD, PA. 19522
215-944-9583 215-944-0791

RINGTOWN FARM EQUIPMENT

NEW EQUIPMENT

5088
3288 w/air
584 RC
284D
1420 combine
370 disc
401 harrow 12'
720 plow 4 btm.
2250 loader
45 vibre shank
4500 vibre shank
5500 chisel plows
41 cultimulchers Dunham Lehr
40 cultimulchers Dunham Lehr
40 cultimulchers Dunham Lehr
1302 Holland transplanter
Gyrostar, tedder and rake
M-5 Woods mower
Woods scraper blades
445 Utah potato harvester
Hesston 245

USED EQUIPMENT

NH 479 mower cond.
Farmall 656D
2 Super C's
IH 574
Super AV
IH potato planter
IH 455 corn planter
45 vibre shank
NH L35 skid steer
Haines bulk bodies
Mayrath auger 6"x27'
1500 Schwartz loader
Meyers 400 gal. spray
Troyer elevator
100" Howard rototiller
800 Workmaster loader
JD 2 row potato digger
Owatona self-propelled windrower Model 25G, 10'
Owatona self-propelled windrower Model 30, 10', w/crimper rolls

NEW EQUIPMENT

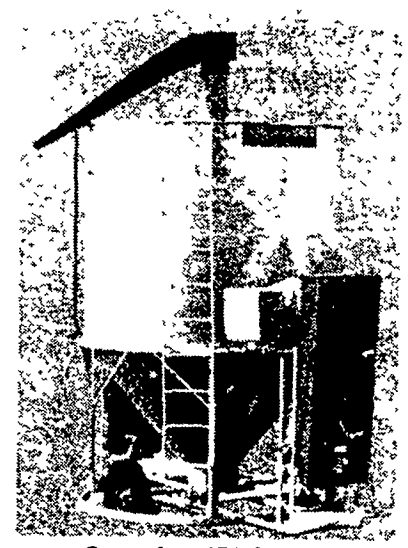
SPERRY NEW HOLLAND
310 baler
488 mower cond.
519 spreader
442 disc mower
258 rake
256 rake
782 harvester

FALL SPECIALS
Hydro 84 Row Crop
720 5 btm. auto reset plow 18"
770 deep till disk 13'9" $6895
L445 NH Loader

RD 1, Ringtown, PA
717-889-3184
Your Full Service Dealer

MORIDGE GRAIN DRYERS

Dry all types of grain... Corn, Wheat, Soybeans, Milo, Rice, Barley, Flax, Sunflower and Rape seed, and many others.



Capacity: 275 bushel

FEATURING:

- Modulating temperature control varies amount of heat according to **grain** temperature, rather than air temperature.
- Manually set timer controls length of drying time.
- Center recirculating auger and loading auger are telescoping shaft and gear box driven. Only the fan is belt driven.
- Tractor P.T.O. speed of only 400 to 420 r.p.m.
- Tractor P.T.O. speed may be increased for load-unload cycles.

Special...One Only
MORIDGE MODEL 275 GRAIN DRYER
List Price....$7,875.00
Pick Up At Our Location . . . **$6,800.00**

LEBANON VALLEY IMPLEMENT CO., INC.
700 E. Linden St., Richland, PA 17087
(717) 866-7518

New Equipment Specials For the Month of November

IH 4135 skid loader	$6,500
IH 425 baler w/thrower	$5,850
IH 35 rake	$1,340
IH 720 5 furrow 18" plow, automatic reset	$6,220
IH 720 4 furrow 18" plow	$4,920
IH 560 spreader	$3,650
IH 595 spreader	$6,240
IH 482 Cub Cadet w/44" mower	$2,180
IH 255 power washer	$510
230 McCurdy gravity box	$600
Welsh 300 gallon sprayer	$1,800

F.O.B. McAlisterville
No Trades

NEW TRACTORS

IH 584
IH 5088
IH 3288

USED EQUIPMENT

IH 886 tractor, low hours
IH 686 tractor, low hours
IH 1586 tractor
IH 806 diesel tractor
Farmall 300, $1,500
2 Farmall M $1,500
IH 574 diesel tractor $8,000
Farmall 460 gas, $3500
Oliver 1650 tractor $4,800
AC WD $1,000
AC gleaner combine model CII 14' grain & 4 row corn head $6000
Oliver combine $700
IH 311 fast hitch plow $350
Oliver 3 furrow plow $400
IH 76 combine $500
IH 455 4 row corn planter $2500
NH 469 haybine $1900
IH 400 Cyclo planter, 4 row, no-till $4200
IH 234 corn picker $2200
JD 18 corn picker $750
IH 125 combine, $400
2-IH 990 mower conditioner, $1500
IH 234 sheller attachment $1325
NH 3 pt. hitch mower $800
Brillion 9' cultipacker $275
JD 12A combine $600
Hawk Bilt manure spreader $650
NH forage harvester $1275
IH 540 plow $1100
1 set of IH 531 plow $450
Oliver 3 furrow plow $300
AC baler $400
IH 370 disc $1600

DOMBACH EQUIPMENT
McAlisterville, Pa. 717-463-2191

USED TRACTORS

JD 4640, 500 Hrs., Cab, Air, AM-FM, Duals, Wts., Power Shift, 150 HP, Loaded, like new - $38,000! Highest Offer Will Be Considered
JD 50 - $1,995
JD "A", Overhauled, Needs Paint $1,000
Ford 9N - $1,300
Oliver 70 - $700

SKID STEER LOADER

New Hd. NH L425 skid steer loader, demonstrated, 2 buckets - $11,500

PLOW

Used JD 2500 7-Bot., Spring Trip, on Land, Fits our JD 4640 Tractor - $6,995

GRINDER MIXERS

New NH 353 Grinder Mixer, Complete - Special - $5,895
Used JD 750 Grinder Mixer, 20" Hammermill, Scales, Long Unloading Auger, Exc. Cond. - Call For Particulars!

CHOPPERS

JD 16A Chopper $3,995
NH 38 Chopper $4,250

ROTARY CUTTERS

Woods 80, Pull $995
(2) Woods 80, 3 pt. $995 & $1200

NEW COMBINES

JD 6620 Combine (Reg.)
JD 6620 Combine (Side Hill)
• Choice of Heads •

USED CORNHEAD

Used 444 Cornhead - $3,500

ELEVATOR

New 24' Hub Elevator - $1,200
Used 36' NH Elevator - $595

NEW J.D. 300 CORNHUSKER

JOHN DEERE | SPERRY NEW HOLLAND

KERMIT K. KISTLER, INC.
Rt. 143, Lynnport, PA 18066
PH: 215-298-2011

FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT

FORRESTER FARMS

1337 Lincoln Highway East
Chambersburg, PA 17201
Phone: 717-263-0705
Sales - Parts - Service
¼ Mile East of Exit 6 I-81

LONG

New Long traveling irrigation unit 1820
New 610 DT
New Long 460
New Long 310
AC 190
2 Long 560
IH 1066 w/cab
IH 656 Hydro
IH Lowboy Cub w/ SOLD
Farmall M w/PS
JD 4230 w/cab
2 JD 4020 one w/cab
3 JD 3120 one w/cab
JD 3020, very nice
2 JD 2130 1 w/cab
1 JD 2120
JD 2030 w/cab
MF 175
Ford TW 10 w/canopy
Ford 9000
Ford 8600 w/dual power
Ford 7000
1 Ford 7000 w/dual power SOLD
Ford 6600 demo
New Ford 6610, $14,900
Ford 5600 w/dual power
3 Ford 5000, one w/dual power
Ford 4000 w/loader
2 Ford 3000
Ford 841 w/PS
Ford 641 diesel
Ford 772 A loader
Roadless 95 4 wh drive 90 HP

Used Equipment Specials...

8 Ft. Cultipacker
9 Ft. Drag Harrow
Case Baler
B10 Allis Chalmers Lawn Tractor w/Mower, Tiller & Loader
3 Pt. 2 Row Cultivator
Bradley Hay Rake
Letz PTO Plate Mill
Cub Tractor w. 60" rotary mower 5' sickle bar and plow

New Equipment Specials...

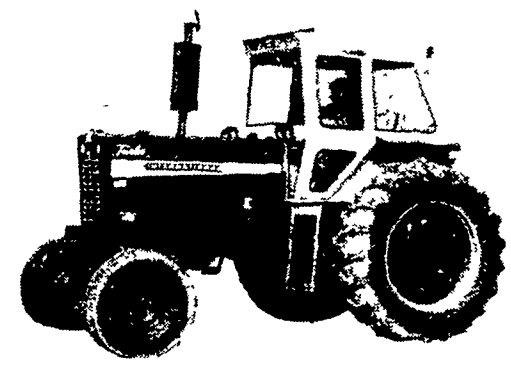
AMCO Disk $4495
Landoll 7 Tooth Chisel Plow $1500
8 Ton Wagon Gear $560
3 Pt. Backhoe ..... Call For Price!
3 Pt. Hookup Cement Mixer ..... Call For Price!

MARTIN HARDWARE & EQUIPMENT CO.

1½ M. south of Schaefferstown, Pa.
on Rt. 501
Phone 717-949-6817
Open Mon.-Fri. 8 to 8; Wed. 8 to 12; Sat. 8 to 5

HERR & LEAMAN

Used Farm Equipment Sales & Service
10 miles S. of Lancaster along Rt. 222



GUARANTEED QUALITY USED TRACTORS

IH 1456 w/20.8x38 rubber, good tractor
JD 4020 gas with wfe
IH 1206 turbo diesel, fully equipped
AC 200 w/yr round cab, dual PTO & hydraulics 18 4-38 rubber, 1700 hrs., sharp, local tractor.
JD 5020 with factory duals, diff lock, dual hydraulics Real nice tractor
IH 574 diesel, 700 hrs, w/2250 Mount-o-matic loader w/quick-tach buckets, exc cond. local tractor
IH 1456 D, fully equipped w/cab, good solid tractor original paint, very sharp.
JD 2840 D fully equipped, very sharp
JD 4320 w/factory cab, 38" rubber fully equipped
IH 966 fully equipped w/year round cab
IH 856D w/cab 18.4x38 wedge lock wheels, fully equipped
IH 574D, 75 model row crop, 1800 hrs.
JD 4020 Diesel, power shift, 38" rubber, clean
Farmall MTA
IH 706 gas w/3 pt hitch
MF 85 Diesel, good rubber
JD 620 gas tractor

FALL CORN EQUIPMENT

Let us know what you need in corn equipment
MF 510 Diesel hydro cab & air, 4 rw narrow, 13' grain head, w/floating cutter bar, local machine
IH 715 hydro w/4 row narrow and 13' grain head
IH 403 combine w/cab, 3R wide 13 grain head, $3750
JD 40 combine, square back, needs work
NI 702 power unit w/heavy rear axle
NI 323 1 rw. picker, has done very little work
NI 729 A sheller, la SOLD el, real nice, $2,500.
NI 760 chopper w/hay pick-up and 2 row wide head
NI 723 corn hea SOLD wide stripper bar

Box 91 New Providence, PA 17560
Ph. 717-786-1606 &
Evenings 717-786-4899

USED EQUIPMENT

Tractors

AC 7020
AC 200
AC 190 XT
AC D17
JD 4040 w/roll guard
JD 4040
JD 4000
JD 2840 w/roll guard
JD 2640
JD 2240 w/145 loader
JD 2010
JDB
IH 1066 w/cab
2 Case 970
Ford 5000 w/loader
Ford 4000
Ford 8N w/mower
David Brown 1210
Satoh S-370 diesel 4WD

Combines

AC M-2
AC F-2
AC F
AC 72 pull type
IH 205

Plows

JD 6 btm. on land
Oliver 6 btm.
2 IH 5 btm.
Ford 3 btm.
AC 3 btm.
Pittsburg 2 btm.
IH 2 btm. drag
Schultz 10' chisel
AC 10' chisel
JD 10' chisel
Discs - 6', 8', 10'

Grove forage wagon
JD 215 forage wagon
NH #8 forage wagon
Kasten forage wagon

NH 30' elevator
Farmec 34' elevator

New AC 5045 45 hp tractor, fully equipped. Sale Price $8995 no trade

UNIONTOWN FARM EQUIPMENT

Rt. 119 North
Uniontown, PA
15401
412-437-9851

TRIPLE H EQUIPMENT

VERMEER | Vicon

Peach Bottom, Pa.
717-548-2640 or 717-548-2094

VERMEER EQUIPMENT

2-new 605H balers
3-used 504F balers
1-used 605F baler
1-demo 504 Super G
2-new R23B twin rakes (Special)
1-8' heavy duty blade
1-7'6" disc mower-conditioner
2-F100 bale feeders and trailer
1-#340 irrigation traveler and dual hose reel

TRACTORS & SKID LOADERS

1-new Agri Power 9000, 13 hp, $16,700
1-new Agri Power 4000, 48 hp, $7000
1-new Lahman 30 hp, 2 buckets, $10,000

VICON EQUIPMENT

2-8 wheel V rakes, new and used
2-6 wheel rakes, new and used
2-5 wheel rakes, new
1-2400 lb. spreader
3-1900 lb. spreaders
2-1400 lb. spreaders
2-1100 lb. spreaders
2-600 lb. spreaders
2-8' disc mower, new and demo
2-8' mower-cond., new and demo
1 ea.-10' and 15' power harrows
1-RP 1200 round baler, demo
1-RP 1500 round baler, demo

MISC. EQUIPMENT

2-Sunmaster 16" rotary mowers, new
2-36" log splitters
1-Woods 10' rotary mower, used
1-Hesston 10' hydro swing, used
Zimmerman Wagons

Better by Design
ALLIS-CHALMERS

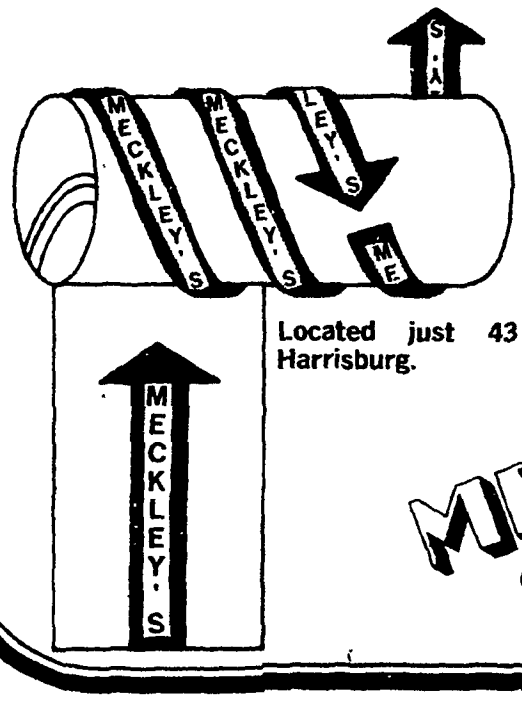
AVCO NEW IDEA

OCTOBER SPECIALS

NEW	
AC 6080 Tractor	$23,500
AC 5050 2 WD Tractor	$10,800
* NI 621 Silo Blower	$1,320
NI Manure Spreaders	$SAVE$
NI 323 1 Row Picker	$5,900
NI 324 12 Roll Husker	$9,500
NI 325 12 Roll Husker	$11,800
NI 802 Uni Harvester, 4 Row Corn & Hay	$67,860

USED (9.9% Financing available)	
JD 7700 Combine 6R 15' FCB	$27,500
MF 510 Combine 6R corn 13' grain	$17,500
AC M-2 Combine w/6 row corn & 13' grain	$27,500
AC 7000 Tractor	$15,900
AC 5050 4 Whl. Drive	$13,400
AC 175 Diesel Tractor	$7,500
AC 185 Diesel Tractor	$10,600
IH 574 Tractor	$4,900
AC D19 Tractor	$3,700
AC D14 Tractor	$1,800
AC WD Tractor	$995
Gehl 360 Skid Loader	$3,900
NI 319 Picker Sheller	
Hesston 1090 Conditioner	$4,950
NI 279 Cut/ditioner	$4,900
1971 AC KKS Combine w/10' grain and 238 corn hd.	$11,900

We specialize in tractors & combines. N-Series Natural Flow System "turns us on!"



Located just 43 miles north of Harrisburg.

MECKLEY'S GARAGE
758-3915 (717)
Herndon, Pa.

case | GEHL | HESSTON | SAME

★ USED EQUIPMENT SPECIALS ★

USED TRACTORS:

Case 570 w/Loader
Case 1030
Case 930
Case 2470 4 WD w/Cab, Heat & Air
David Brown 1210 w/Loader
IH 574 w/Loader

USED SKID STEER:

Universal (Low Price)
Bobcat 632
Gehl 4400
Case 1737

USED SPREADERS

Hawk Bilt 357
NH 675

GROVE WAGONS W/HYD. DRIVE

USED Gehl 1600 Baler

USED GEHL 120 Mixmill

USED HARVESTERS

(3) Gehl CB600's
Gehl CB700
Gehl CB1200 3-Row Narrow Hd. & Hay Pickup
Hesston 2000
Fox 546
Gehl CT300
JD 3800 Harvester

USED WINDROWERS

Hesston 1014
(2) Case 555's
PT10
Owatonna 275 SP Windrower, 12' Head

USED BLOWERS

IH 56 Fox Blower
NH 27 Gehl 99

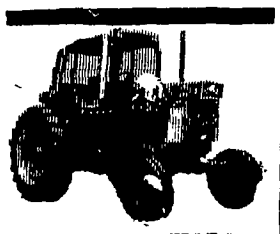
USED PLOWS

Ford 5-Bot. Semi Mtd. Plow
Case 4-Bot. Mtd. Plow
Case 3-Bot. Trailer Plow

STOUFFER BROS. INC.

1066 Lincoln Way West, Chambersburg, Pa.
Phone 717-263-8424

FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT



NEW TRACTORS
3088
3288
584 R/C
384
254 w/loader
284 Diesel, 4 wheel drive

USED TRACTORS
Farmall 504 w/3pt.
Farmall 656D

NEW EQUIPMENT
Morridge grain dryers in stock
720 automatic 5x18 btm. plow
510 5x18
420 3x16
475 11 ft. 6"
350 10 ft. 3"
445 baler w/thrower
35 rake w/dolly wheels

USED EQUIPMENT
510 plow 5 bottom, 16", $1500

LAMB'S FARM MACHINERY
Thorndale, PA
Phone 215-269-2676

DEUTZ

USED TRACTORS & EQUIPT. IN STOCK
Used Deutz D10006, 105 h p , $12,400
Used Deutz D4006, 3560 hrs , good condition, new rubber , $5,400
Used D5506, 57 h p.
Farmall H, 34 h p $995
Used homemade hay tedder $400
Corn Sheller JD #43 belt drive $400

NEW TRACTORS & EQUIPT. IN STOCK
D4507 Deutz tractor, 45 h p
D6207 Deutz tractor, 62 h p
D6807 Deutz Tractor, 68 h p
D7807 Deutz tractor, 74 h p
DX 130 Deutz tractor w/cab & air,121 h p
Custom-built diesel Gen-Sets made to order
New & Used Deutz diesel engines at special prices Call for details
New Deutz F2L-912 diesel engines 20-32 H P electric start

Stauffer Diesel Inc.
312 West Main Street
New Holland, PA
PHONE 717-354-4181

SPECIAL OF THE WEEK
Just Received - Limited Edition
Fun For The Entire Family
1982 "All About Lancaster County" Game
Get Yours Now! **$11.95**

EQUIPMENT FOR SALE OR LEASE
BADGER
3,000 gal. liquid manure tank
1,500 gal. vacuum tank
205 Bushel Manure Spreader
Forage Wagons
Forage Blowers
Bedding Chopper for Mulching
Persuader Pump agitator for Lagoons
Handy High Pressure Washers
Oswalt Mix Wagons
Grain Drill with band seeder
Also:
Registered Holstein Bulls

SHOW-EASE STALL CO.
573 Willow Rd. Lancaster, Pa.
Ph: 717-299-2536

AC 7045 Tractor
AC 7000 Tractor
AC 5040 Tractor
AC 185 Tractor
AC 170 Gas Tractor
NI 744 N Corn Head
AC F440 Corn Head
Amco F17 10½' Disc Harrow, like new
NI 213 Manure Spreader

ROY H. BUCH INC.
Ephrata
717-859-2441

NEW LEADER Lime & Fertilizer Spreaders
HI-WAY Cinder Spreaders - All Types
FRINK & VALK Snow Plows

ANNVILLE BODY CO.
P.O. Box 217, R.D. #3
Annville, Pa. 17003
Phone 717-867-4631

Used Equipment Specials

JD 227 2 row mtd. picker (very good cond.)	$400
IH 863 6x30 corn head	$6,950

New Equipment Specials

Gehl 360 skid steer loader w/2 buckets	$5,750

Used Equipment

1086 tractor w/cab & air (1400 hrs.)	$21,500
656 gas gear drive tractor, wfe, 3 pt. hitch	$5,850
460 diesel w/2001 loader & hyd. bucket	$3,500
Farmall Cub w/plow and cult., 1974	$3,975
2 Cub Cadets, model 149 w/mower	$1,795 ea.
102 Cub Cadet w/mower	$895
124 Cub Cadet w/mower	$1,295
IH 76 lawn tractor (new engine)	$895
42" snowblower for Cadet	$225
JD 110 garden tractor w/mower	$875
5' side mtd. mower for Cub	$400
Cultivator for Farmall Cub	$400
Fast hitch for Cub	$150
1 pt. rear blade (home made)	$75
Front blade for Cub	$195
710 auto. rest plow 5x16	$3,850
550 5x14" plow	$850
IH 540 plow w/coulters & cover boards	$1,275
MF 3x14 3 pt. mtd. plow	$395
IH 55 3 pt. 11' chisel plow	Coming in
IH 350 12' disc	$1,110
#45 vibra shank cult., 26½' w/mulcher attachment	$3,500
JD 12' mtd. vibra shank cult.	$1,295
IH #10 single disc, 18x7 drill	$1,975
IH 400 4 row planter w/insect.	$2,795
IH 400 4 row planter w/insect.	$2,450
IH 56 4 row planter w/insect.	$1,750
IH 455 4 row planter w/insect.	$1,450
IH 453 cult. 4 row rear mtd.	$850
IH 200 rear mtd. 2 row cult. (new)	$775
IH 93 combine, 10' platform w/pickup reel (nice)	$4,800
IH 430 baler w/thrower	$2,695
MF #10 baler w/thrower	$1,200
AC 303 baler w/thrower	$995
NH 67 baler w/thrower (motor on thrower)	$795
IH 7' 3 pt. Pitman mower	$475
Fox blower (as is)	$575
Hesston PT-12 pull-type windrow	$1,025
Fox pick-up head for forage harvester (as is)	$225
Kewanee 8' 3 pt. blade	$495
IH 35 spreader, nice	$850
IH 560 spreader w/upper beater & hyd. endgate (repossession)	$3,900

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• U.P.S. Service Available

MF Massey Ferguson | WF

USED COMBINES:
1979 MF 760 w/14' grain & 63 C corn hd.
1979 MF 750 w/13' grain table & 63 corn head hydro AC
1977 MF 750 w/14' grain head & 63 corn head hydro AC
1977 White 8800 13' grain head w/4 or 6 row corn head hydro AC
1974 MF 760 hydro AC 14' grain head 63 corn head & 63 corn head
1972 MF 410 w/13' grain head & 44 corn head, AC
1971 MF 510 w/13'grain head & 44 corn head
1975 White 8600 w/704 corn hd. & 13' grain hd.
1976 NH 1400 hydro AC 13' grain head & 4 row corn head
NH 975 w/13' grain head & 2 or 3 row corn head
Oliver 525 w/11' grain head & 2 row corn head

USED TRACTORS:
White 4-150, 23.1x34 tires, $28,800
MF 65 gas 1960
Ford 8000
Farmall C
MF 275 diesel w/MF loader
MF 1085 diesel

USED HAY & FORAGE EQUIP.
#27 IH blower
2310 Fox harvester w/only 40 acres of use
IH 46 baler
MF 200 forage harvester w/corn head & pickup
IH 55 forage harvester w/2 row corn & pickup
1 - #8 NH forage wagon w/roof

MISC. USED EQUIP.
Taylorway hyd. folding 22' disc, 24" blades, used 100 acres, list $19,700, Cost Now $11,200
2 - MF 15 grinder mixers
JD 110 disc harrow

NEW COMBINES:
706 N corn head
White 9700 Axiel flow
MF 860
MF 540

NEW TRACTORS:
White 4-210 tractor loaded
White 2-105 special price (loaded)
White 2-45
MF 285 w/cab AC
MF 265
MF 230
MF 205
MF 245

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JUST TRADED
BOBCAT 310 SKID LOADER, LIKE NEW
IH 966 TRACTOR, LIKE NEW
NH 354 GRINDER MIXER
FARMALL SUPER H TRACTOR, EXCELLENT
DANCO 8' SCRAPER BLADE
NH 36 6' FLAIL CHOPPER, VERY GOOD
NI 218 TANDEM AXLE SPREADER
FRONT MOUNTED WOODS SAW
JD 506 3 pt. 5' ROTARY MOWER, CUT ONLY 5 ACRES
WOODS 1 ROW CORN PICKER
CENTURY 300 GALLON SPRAYER

TRACTORS
JD 4020 WFE Side Console
IH 656 Dsl. w/2000 Loader
IH Super C w/cult.
IH 2500 Industrial Tractor w/Loader
IH 2500 Tractor/Backhoe Loader
IH 1206
IH 806
IH 706
IH 674 D
IH 656 D A-1 Cond
IH 656 Gas Farmall
IH 606 D
IH 6. SOLD
IH 574 D w/2050 Loader
IH 544
IH 3514 Loader, Backhoe
IH 125 E Hi-Lift
IH 200 Farmall w/Cult & Front Blade
Case 800 D
Case VAC
Ford SOLD
Ford 961
IH 756 Diesel

SKID STEER LOADERS
JD 70 Skid Loader
Case 1845 Skid Loader
#10 Hydra-Mac Skid Loader
Bobcat #310, Like New

TILLAGE
JD 2600 5B Auto Plow Variable Widths
IH 710 4x16 Plow Reset
IH 560 6x16 Plow
Long 2x14 3 pt. hitch plow
IH 311 3B Plow
JD 130 3B Plow 3 pt
JD 720 5B 20" Plow
Oliver 3x14 3 pt Plow
Oliver 2x14 Trailer Plow
JD KBA 12' Transport Disc
JD 1640 13' Disc Harrow, Dual Wheels
Case 8' Disc
Dunham Lehr 9' Disc
Kawanee 13' Disc
IH 19B Disc

FORAGE HARVESTERS
IH #36
IH 555
Fox 546
Fox 3300 w/2R Narrow Corn Head
Selection of Corn Heads for IH and Fox Harvesters
Fox Custom 90
NH #818
Brady 722 Flail Chopper
NH 36 Flail Chopper
IH #8 Flail Chopper
NH 36 Flail Chopper, Ex Cond

FORAGE WAGONS
NH #6
VanDale 185 Mixer Wagon w/Scales
Coby 4000
McCurdy Gravity Box

UNI EQUIPMENT
705 Uni
767 Forage Harvester
710 Combine
729 A Shelter
726 Huskin SOLD
NI 744N Corn Head
770 Feeder House

CORN PICKERS
NI 324 w/327 Husking Bed
NI 325 w/327 Husking Bed
IH 234 Mtd Picker
NI 314 Corn Sheller Attch.
MM Model SK 2 Row Mtd. Picker

MANURE SPREADERS
NI 224 375 Bushel
NI 244 325 Bushel
NI 245 375 Bushel
NI 218 325 Bushel
NI 213 165 Bushel
NI 214 200 Bushel
NH 676-275 Bushel
IH 540 Spreader
IH 155 Spreader
JD 760 Spreader
Starline Spreader
JD 10' Fert. Spreader
Badger BN102 10' Pump
NH 12' Fert Spreader
Dual Wheels w/15x5x38 Tires

BLOWERS
IH 56
Hussler 56
Fox 44 Table, belt driven
Kools KB60
NH #27

GRAIN DRILLS
JD FB 13x7 Comb
JD 17x7 Comb.
IH 16x7 Comb.
Oliver 16x7 Comb on Steel Wheels
Oliver 10x7 Comb on Steel Wheels

MISCELLANEOUS
Jamesway 60' Belt Feeder
Weaverline Elec Fe SOLD
York Rake 3 pt hitch
IH 1150 Grinder Mixer
NH 355 Grinder Mixer
200 gal. sprayer
Century 300 Gal Sprayer, Nice

IH 205 COMBINE
IH 303 COMBINE w/2R SOLD
IH 715 COMBINE w/4R HEAD
IH 915 COMBINE w/6RN HEAD
IH 843 4RN CORN HEAD

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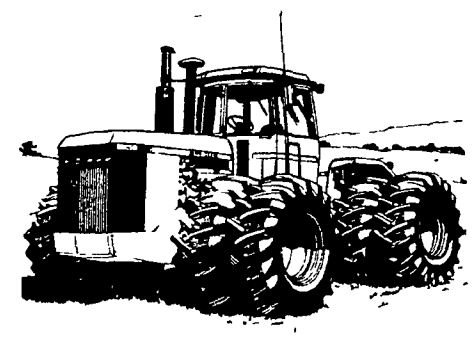
COME RIDE AND DRIVE THE LONG GREEN LINE OF NEW TRACTORS AT OXFORD GREENLINE, INC. (DEMONSTRATION - NOVEMBER 2 AND 3 ON RT. 41 SOUTH OF THE RT. 10 AND RT. 41 CROSSING AT COCHRANVILLE, JUST ACROSS FROM THE HIGHLAND MEDICAL CENTER)



Also featuring the #1 team of John Deere tillage equipment:

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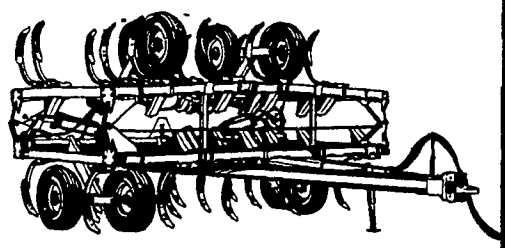


Slip through 14-foot gates with the horizontal-fold 1610 Chisel Plow

When you decide to buy a new chisel plow, there's good reason to rely on John Deere The 1610 Chisel Plows offer plenty of muscle, clearance and choice of working widths

Transport the horizontal-fold John Deere 1610 Chisel Plow with speed and ease. Ranging from 19 to 27 feet in working widths, this chisel folds from the tractor seat to clear 14-foot gates

Adjust depth on the go for uniform work, even when soil or terrain changes Walk-Over™ wheels help keep the frame level to minimize gouging by shanks.

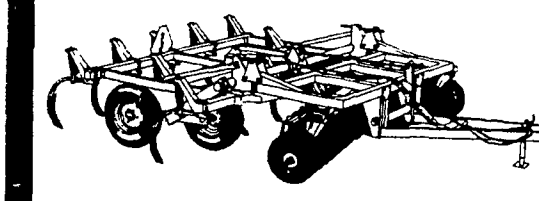
NEW ROCK-RESISTANT DISK

New Dura-Cushion™ disk improves disking results in rocks

Special standards act like heavy shock absorbers Individual gang sections flex over rocks

You get all the Level-Action™ disk features plus a larger, round gang bolt, cast spools and coil-spring standards in 200 Series Dura-Cushion disks

EXPERIENCE THE DIFFERENCE



John Deere's Mulch Tiller has adjustable disk gangs for aggressive conservation tillage

Wrap your fields in a moisture-absorbing, soil-protecting mulch by using a John Deere 1710A Mulch Tiller this fall The 1710A is different from competitive machines It uses true disk blades that start the slicing and mixing action You determine disk aggressiveness; set gang angle at 9 or 14 degrees Three bars of chisels follow the disks and complete the soil-and-trash mixing action Experience the difference with a John Deere Mulch Tiller See us for a closer look at one

USED EQUIPMENT SPECIALS

1978 JD 4440 tractor w/soundguard quad range transmission, 10.8-38 tires	1977 JD 4230 tractor w/soundguard quad range transmission, just reconditioned - like new	1980 JD 4 row conservation planter, dry fertilizer w/quick fill attachment	1982 JD 16 row folding planter

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FOR SALE

MF 165
MF 150
MF 2805 w/duals
JD 4020
MF 550 combine w/1143 corn head
MF 321 corn head
New Ford SOLD forage harvester, 3 row head, electric controls, same as IH 830 for $7250.

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Opens and closes curtains or windows automatically according to temperature.
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BUY NOW - 30% DOWN
Balance Due Mar. 1, 1983
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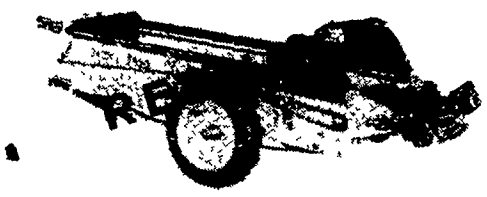

IN STOCK

USED EQUIPMENT

TRACTORS
JD 430
'79 Case 1210 p.s.
Ford 4000
AC 7080 Cab-Air-Heat
Case 1070 18.4x38 (New) Power Shift
Case 1370 Cab-Air-Heat 24.5x32 Radio
Case 1090 18.4x38 (New) Power Shift
Case 1170 Cab-Heat-8 5 Spd. 20.8x38 (New)
Case 900 w/Pulley

LOADERS
1530 Uni Loader
Uni Loader Broom
Mustang 330
1845 G

UNI-SYSTEM
701 Power Unit
702 G Power Unit
702 D Power Unit
710 Combine
743 N Head
767 Harvester
738 4RN Head

MISCELLANEOUS
Ford 101 Plow
Hesston PT 10
NH Lime Drill
Case 12' Disc Harrow
NH 371 Flail Spreader
Case Auger Elevator
#BF 130 Gehl Blender/Mixer
MF 880 6, 7Btm, plow
Wetmore 878 Grinder Mixer
Case 555 Mower Conditioner

FORAGE
JD 65 Blower
Stauffer Forage Box
Fox HA Harvester
Gehl 910 Forage Box
JD 3800 Harvester
NH 27 Blower
Hesston Blower

NEW IDEA
206 Spreaders
325/314 Picker Sheller
323 Pickers

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INTERNATIONAL® AGRICULTURAL EQUIPMENT.

NEW TRACTOR SPECIALS

Check on Rebates and Waiver of Finance till 3-1-83 or 9.9% financing

IH 784 RC, w/18.4x30 tires
IH 3088 w/16.9x38 tires
IH 3688 w/cab & 18.4x38 tires
IH 5088 w/cab & 20.8x38 tires

NEW EQUIPMENT SPECIALS

TILLAGE
IH 510 5F 18" plow
IH 720 6F 18" plow
IH 5500 Chisel plows
IH 475 12' disk
IH 415 12' packer mulcher
IH 4500 12' vibra shank cultivator

HAY AND FORAGE
IH 1190 9' mower cond.
IH 600 forage blower
IH 120 forage box
IH 781 forage harvester w/hds.
IH 881 forage harvester w/hds.

PLANTING EQUIPMENT
IH 5100 16x7 drill w/out fert.
IH 5100 16x7 drill w/fert.
IH 800 4R adj. air planter w/insect.

SPREADERS & MISCELLANEOUS
IH 540 spreader 185 bu.
IH 550 spreader 215 bu.
IH 30' 8' blade
IH 40' 8' blade
IH 2250 loaders

ALL EQUIPMENT ON STOCK

USED TRACTORS

Waiver of Finance till 3-1-83 or 11.9% Financing

IH 186 D w/cab hydro nice . . $22,500
IH B275D Tractors $1150
IH 806 D w/3 pt. $8500
Oliver 1750 D w/18.4x38 Tires $8500
MF 1080 D . . . . . Coming In
IH F 300 Gas w/2 pt. $1750
IH 856 w/WF & 3 pt. $8950

USED CORN HARVESTING & COMBINE EQUIPMENT

IH Sheller for 234 Picker $950
Fox 1 Row Corn Head for a 546 . $150

USED HAY EQUIPMENT

IH 990 7' mower conditioner . . $1750
IH 37 Baler w/thrower $1800
IH 27 Baler w/thrower $1500
JD 24T w/thrower $1150
NH 469 mower cond. $2350
Hesston 1010 10' hydro-swing mower cond. $3500
NH 770 Forage Harvester w/2 RW narrow head and pick-up unit . . . . . Coming In

Waiver of finance until 6-1-83

USED TILLAGE

IH 720 6f 18" like new w/cylinder, toggle trip. $6500
IH 315 - 12' packer mulcher w/cyl. $2150
IH 60 3F 14" trailer plow $375
IH 311 2 pt. 3F 14" plow $375
IH550 5F 16" plow $1250
IH 710 5F 16" plow w/cyl. $2250
IH 37 10' disk $750

SPREADERS AND MISC.

Hawk Bilt 2195 Flail (New) spreader w/hyd lid $5350
NI Model 211 Spreader (Nice) . $1350
Ford 5' rotary cutter. $350

USED PLANTERS AND DRILLS

IH 56 4 row w/cyl. $1750
IH 400 4 row 38" $2500
JD 494 A w/new hoppers $1350
IH 400 6 R 30" Planter, w/insect $4500
IH 249 2R planter. $500

Waiver of finance until 5-1-83

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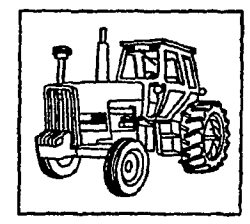

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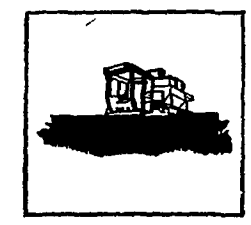
LOW prices & Waiver available!!



TRACTORS
MF 1105D w/cab
MF 1100 D
MF 180 D w/loader
MF 180 D
MF 50 D
MF 50
JD 3020 D
JD 3020 G
JD 60 w/237 2-row picker
JD 60
White 2-50 D
Oliver 550
Oliver 55 D
Farmall 656 D
Farmall 560 D
Farmall 400
Farmall 460 D
Farmall H
MM G1000 D
Ford 800
Case 630 w/loader
Case 300
AC 7050 w/cab
AC 7040 PS, w/cab
AC 7020 PS, w/cab
AC 7000 D w/cab
AC 190XT D w/cab
AC 185 D
AC 175 D
AC 5040 D
AC D19
AC WD45
AC WD

FIELD HARVESTERS
Gehl 600 2-row & pick up, EXCELLENT!
NH 718 2-row & pick up, like new!
NH 880 2-row & pick up
AC 720 2-row & pick up
NH 717 2-row & pick up
NH 717 1-row & pick up
IH 350 1-row & pick up
Gehl 1-row & pick up
Gehl 6' Flail
NH 33 5' Flail
IH 110 Forage Wagon w/8 ton running gear

COMBINES
Gleaner N5 w/15' floating grain & 630 corn heads.
Gleaner L2 w/15' grain & 630 corn heads.
Gleaner MKS w/13' grain & 630 corn heads.
Gleaner FKS w/grain & corn heads
Gleaner CII w/13' grain & 438 corn heads
Gleaner AII w/cab & both heads
Gleaner AII w/12' grain head
(2) Gleaner E w/cab & both heads
JD 55 Super w/cab, 12' grain & 330 corn heads
JD 55 w/12' grain & 338 corn heads
JD 45 w/both heads
JD 45 w/grain head
MF 300 w/11' grain & 238 corn heads
MF 82 w/grain & corn heads
NH 975 w/11' grain & 238 corn heads
IH 203 w/grain & corn heads
NI Uni-System 702 w/717 combine, 4-row corn head
NI 767 Chopper w/702 2-Row Corn Head & 761 Pick Up Head

CORN PICKERS
(2) NI #7 1-row
NI #10 1-row
(2) NI 305 2-Row Mounted Picker w/307 Husking Bed. Fits Either IH or JD

SPECIAL SALE on (New) NEW IDEA 323 CORNPICKERS
SAVE $1,400.00!
In Stock - Ready to GOOOOO!!!

MANURE SPREADERS & MISC.
NI 218, 325 BU.
NI 214, 206 BU.
(2) NI 213, 176 BU.
NH 175 BU.
Badger 180 BU.
NH 365 Tank Spreader
Weaverline 330 Electric Feed Cart, 30 BU., Like New!
Weaverline 224 Electric Feed Cart, 24 BU.
Moridge 400 Grain Dryer, Good Condition!

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NEW HOLLAND OFFERS YOU A CASH REBATE FOR CASH PURCHASE OF HAY TOOLS AND FORAGE EQUIPMENT.

CORN FODDER SPECIAL

New Addition To The
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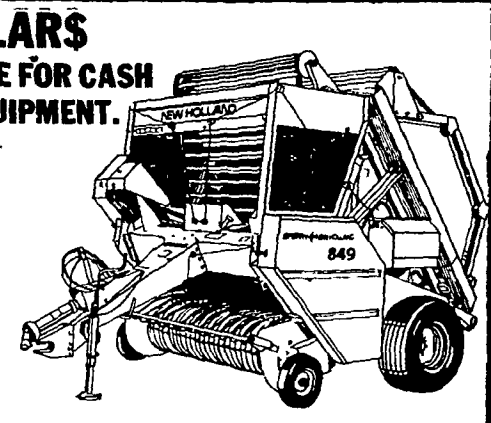
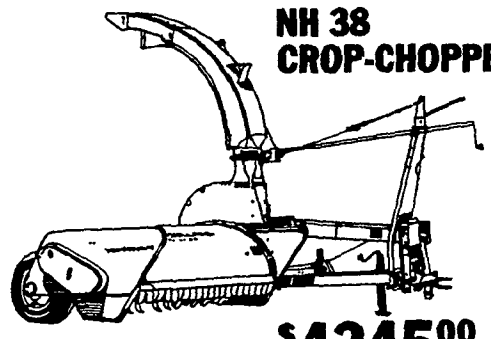
NH MODEL 849 ROUND BALER



NH 38 CROP-CHOPPER



$4345.00
(One Only)

MODEL 90 BALER HANDLER
Stack 'Em 3 High
Special **$1498.00** (One Only)

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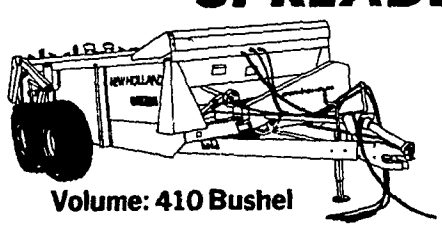
WAIVER OF FINANCE ON NEW & USED NEW HOLLAND HAY EQUIPMENT UNTIL JUNE 1, 1983 and NEW & USED FORAGE EQUIPMENT UNTIL SEPT. 1, 1983
ALSO: PAY CASH & GET A CASH REBATE

New Addition To The
New Holland Spreader Line

NEW HOLLAND

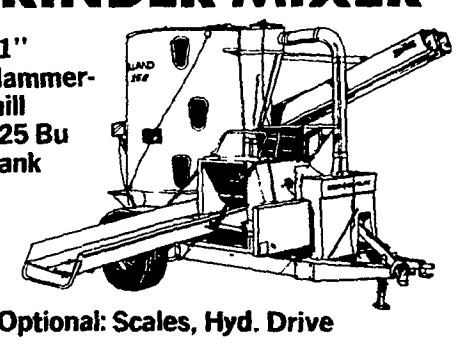
NH 795 BOX SPREADER



Volume: 410 Bushel

NH 358 GRINDER MIXER

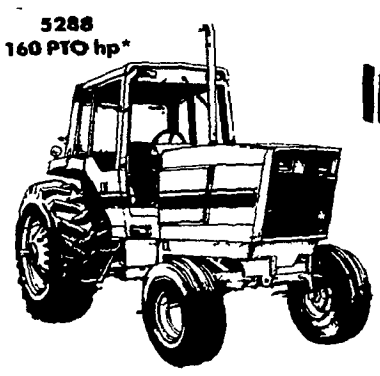
- 21" Hammer-mill
- 125 Bu Tank



Optional: Scales, Hyd. Drive

Free Finance Till April 1, 1983 or Cash Rebate

5288
160 PTO hp*



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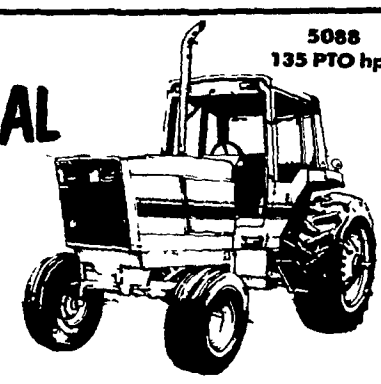
5088
135 PTO hp*



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GOOD CLEAN USED EQUIPMENT

TRACTORS
Ford 3000D, 3 pt. Power Steering
IH 656D Tractor

HAY EQUIPMENT
IH 37 Baler w/Thwr.
NI Mower Conditioner
IH 430 Baler & Thrower
N I Mower Conditioner, Like New
J D. Hay Tedder
NH 68 Baler
NH 67 Baler
NH 65 Baler
NH 270 Baler w/Thrower
NH 273 Baler w/Thrower
NH Model 1495 Self Propelled Haybine

SKID LOADERS
NH L425 Skid Loader, Excellent Cond SAVE $$$
NH L325 Skid Loader

SPREADERS
NH 676 Spreader w/Fine Pan, New Chain Web
NI Model 218 w/Hyd Endgate, Ex. Cond.
NH 800 15 Ton, Ex Condition

PLANTERS
JD 494A 4 Row Planter
IH 400 Planter 4 Row
Tye No-Till Grain Drill w/Coulters & Press Wheels. Ready to go! Like New

TILLAGE EQUIPMENT
IH 531 Plow
IH 37 Disc Harrow 11 Ft 6" Cut
Brillion 10 Ft. Packer
Brillion 16 Ft. Transport Harrow
Brillion 10 Ft. Transport Harrow
IH Little Genius 2 Bottom Plow
3 Pt. Disc Harrow
Athens 18 Ft. Disk Harrow

THIS WEEK'S SPECIALS
NH #36 Crop Chopper **$1350**
IH #5 Crop Chopper **$1050**
Brady 4 Row Stalk Shredder **$2975**

HARVESTING EQUIPMENT
IH Model 234 Mtd. Corn Picker
NH Self Propelled 818 Diesel Harvester
880 N3 Corn Head
IH 15 Hay Rake
Bush Hog 5 ft Rotary Cutter Trailing
AC Model 630 6 Row Narrow Cornhead, Used 2 Seasons, Like New
Fox Model 2310 w/H D PTO Electric Power Sharpener, 2 Row New Style Corn Head & Pickup Attach Only Used ½ Season
Dion Forage Box Wagon w/10 Ton Gear. Flotaton Tires & Adjustable Tongues. Ex. Condition
NH Model 30 Blower, 1000 R.P.M.
IH 1-PR Corn Picker, Ex. Condition

MISCELLANEOUS
Several Used Cub Cadets
Myers 7 Ft. Snow Plow, Fit Tractor or Truck
NH Model 355 Grinder Mixer w/scales
NH 355 Grinder Mixer w/scales, Flotation Tires, Heavy-Duty PTO

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FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT

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- STARTERS
- ALTERNATORS

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PEQUEA BATTERIES
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FOR SALE
8 KW PTO generator on wheels, $950
'74 IH cabover sleeper, 318 Detroit, twinscrew, low mileage, 10:20 radial tires, sliding 5th wheel PS, $9500.
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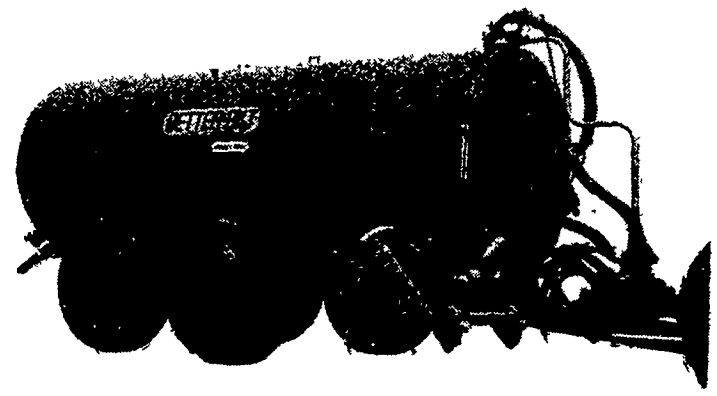
Buy "Better-Bilt" Equipment
Why? It's "Bilt-Better"



Sizes - 800 gal. thru 4600 gal.
Both vacuum & augermatic spreaders for truck mount or trailer type

SPECIAL

1 - USED BETTER BILT 2600 Gallon VACUUM SPREADER w/Tandem Axle and 4" Suction Hose, Plow Down Attach.

1 - Used 5½ ft. Pickup Head for JD 3940 Harvester, good condition.
One 7' Myers snowplow for Ford ½ ton pickup, good condition

1 - JD 4020 diesel tractor w/wfe

CALL US FOR YOUR NEEDS OF

- Farrowing Crates
- Lagoon Pumps
- High Pressure Pumps

SILOS & UNLOADERS | SILOS & UNLOADERS | SILOS & UNLOADERS

THERE'S NO BETTER WAY TO HANDLE HIGH MOISTURE CORN.

AND WE CAN PROVE IT TO YOU.

The many benefits of high moisture corn are all well known these days: No dryer costs, reduced shrinkage, less labor, less grain damage, fewer field losses, fewer bad weather problems — and a great feed!

And the *only* way to process high-moisture corn *most* effectively is with a Madison Grain-O-Matic® Here's why:

The light gray color of the Vibra-Cor® staves reflect direct sun ray heat 2½ times better than the dark color used by others! These thicker truss-beam design staves also provide superior insulation value.

That gases in the Grain-O-Matic® structure expand and contract *much less* than in a steel structure. Inside pressure is regulated by a precision vacuum and pressure valve. Every structure is air-pressure tested by experienced Madison crews. Result: Better feed and no breather bags, so you can fill clear to the top of the structure with nutrition packed high-moisture grain. And you also get the Madison/Laidig bottom unloader that provides fast, positive delivery day after day for a long, long time.

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FARM EQUIPMENT

USED FARM EQUIPMENT

JD 4430 Tractor
JD L Tractor w/plow & cultivators
Farmall Cub w/60" Woods rotary cuttery
Farmall Super C w/2 bottom plow
JD 1450 4x16 semi-mtd. plow
JD 1450 5x16 semi-mtd. plow
MM 32 blade transport disk harrow
Brillion 12' transport spring tooth harrow
IH 440 baler w/thrower, excell. $1895
JD 346 baler w/ejector, Excell. cond.
JD 39 3 pt. sickle bar mower
NI 30' elevator
NH 479 haybine
JD 38 harvester w/2 row N. head & hay pickup
MF 110 PTO manure spreader
AC 4 row no till planter
White 5400 6 row N. no-till planter
JD FBB 17x7 grain drill
JD FB 13x7 grain drill
IH 13x7 grain drill
Brillion 11 ft. cultipacker
JD 506 3 pt. 5' rotary cutter
JD 534 9' bulldozer blade
JD 444 corn head
JD 6600 sidehill combine w/13 ft. grain head & 4 RW corn head $37,995
JD 7700 combine w/13' grain head & 4 row corn head $13,500 as is
Midwest round bale unwinder 3 pt. hitch $595.00.

NEW FARM EQUIPMENT SPECIALS

	L.P.	S.P.
JD 4440 Tractor		Call For
JD 2440 Tractor		Special Sale
JD 1050 Tractor		Price
JD 90 Skid Steer loader	10,633.00	8495.00
JD 125G Skid Steer loader	16,634	14,300
JD 115 disc harrow 10'	4533.00	3495.00
7 ft. Hay Pickup	3377.00	2995.00
JD 534 Bull Dozer Blade 9'	3149.00	2395.00
JD 8300 18x7 grain drill	5221.00	4695.00

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Repair Lancaster Silo distributors, all silo work done from the end of October until the end of June. Will be done at a reduced cost.

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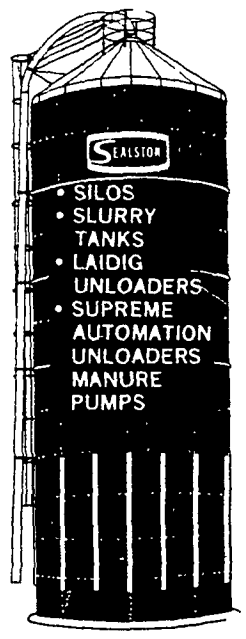
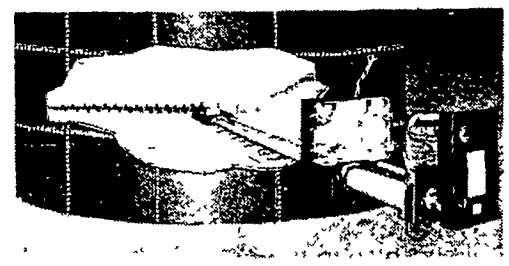


LAIDIG 43R



NOW YOU CAN UNLOAD WITH THE BEST

Shelled Or Ground Ear Corn

Storing high moisture grain can cause problems unless you have the right unloader. If you're botnered by high maintenance costs, poor feed delivery or a "free flow" system that fails, then you should consider the new Laidig 43R grain unloader.

It's designed for use in existing, oxygen-controlled storage units. And it can be installed in a single day WITHOUT ALTERATIONS TO YOUR STRUCTURE!

The Laidig 43R Power Sweep Auger replaces those Gravity Feed Sweep Augers. It's a heavy-duty machine engineered for day-in, day-out operation...the same high quality and peak performance that operators expect from a leader. from Laidig!

LAIDIG Best name in BOTTOM UNLOADERS 3 Year Warranty

43R IS A COMPLETE CONVERSION PACKAGE FOR OXYGEN-CONTROLLED GRAIN STRUCTURES.
For metal structures up to 20 in diameter

Replace Your Gravity Flow Unloader With A new LAIDIG NOW!
We will trade in your old unloader

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FORAGE BAGGING SYSTEM

10 REASONS WHY YOU SHOULD BUY BAG ALL

1. Inexpensive oxygen free system.
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4. Storage for all forage and grains.
5. Storage for high moisture corn.
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8. Storage system adapts to ALL sizes of Farms.
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Extensive tests have been conducted on Gunite. Below are some of the properties of Gunite:
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Anthracite coal, all sizes delivered. For info. call 717-875-3972 after 5.

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For Sale - or Rent - 23,000 bu. corn bin. w/air dryer fans 717-442-9549

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* Grain Bins, 1800 bu. cap. As Low As. $1551
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* Continuous Flow Dryers } new or
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New Polyglass Sprayer and Storage Tanks 450 gal. to 5600 gal. Sizes Now Priced Lower than Spring on Early Order Program.

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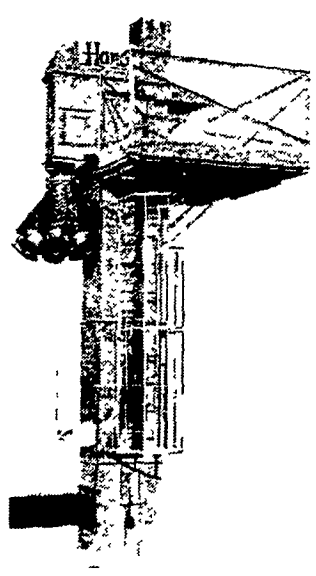

- Bucket Elevators
- Distributors
- Conveyors
- Pipes
- Full Line of Accessories

For Special Fall Prices Call

Isaac Stoltzfus
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Farm Fans Dryers in stock & ready for delivery: AB-120 single phase, AB-180 single phase batch dryers; CF-225 continuous flow with heat reclaimer. Also several used dryers. Call for details and prices. 717-637-2214

For Sale - 8" augers, heavy commercial type, 40' and 20' lengths. $5 per ft. 215-845-3178 eves.

New Sukup grain cleaner, 1700 bu./hour, counter rotating screens, 8" loading auger, 4" fines auger, 13" tires w/transport hitch. Ready to work. Call Dennis at 717-464-3321 days or Bill at 301-997-1731 evenings.

New 6"x30' grain and feed auger 914-457-3774

AC model F combine, diesel, has new belts and many new parts, engine completely rebuilt, 14' grain table, field ready, $9000. 609-859-2381

Wanted - Grain cleaner, prefer Hy Cap, Snoco, but will consider any other kind, 717-544-4178 evenings only

15 bin roof. 14 of Butler part number 441278 - not complete, needs one piece, $150.00. T & T SUPPLY, Danville, PA 717-275-0927

40' Pot Belly livestock trailer for corn crib. $500. 35 and 40' van trailers, 35 and 40' flat trailers. Keens 717-626-5420

For Sale - New 30' 8 ring Brock grain bin with floor ladders, fan, spreader and unloading auger. We can install. 717-637-2214

Driall AF-8 grain dryer, LP fired, PTO driven, 4 million BTU, dries 275 bushels of corn per hour, 420 bushels of wheat per hour, w/electric loading auger and 600 bushel holding tank. One 40' and one 50' 6" grain augers. PTO driven and one 10' electric auger. 215-666-5410 after 6 P.M.

Moridge grain dryer 400 bu. automatic. Batch excell. condition has only dried 30 acres corn $8000 814-894-2788.

For Sale - Completely automatic feed batching system, weights 14 ingredients, grinds and mixes at 4 tons per hr. 717-637-2214

DAIRY EQUIPMENT

Zero 10 horse power vacuum pump, model 1000T3, water cooled 717-872-7190 nights.

For Sale - 650 gallon Esco ice bank milk tank, in working condition, 3 HP compressor, new Girton tank washer, Chore Boy vaccum pump. 717-362-9194

For Sale - 500 gal. Jamesway tank, 32" high, 3 Horsepower compressor. 717-438-3527

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Liquid manure spreader, model 3250 Calumet, $2,950. Call Doug Johnson 301-398-2948. Can deliver

DeLiss Vacuum pump, 27 C.F.M., no drive good for engine powered milking system $75.00. Price includes pulley. pump, base, small tank. New Castle County. 302-328-2985 or 322-5199

400 gallon ice bank Dari-Kool milk cooler in good shape, also Surge milker pump, warm morning coal heater, Firewood for sale. Daniel E. King, R.D. 3, Box 73, South Custer Ave., New Holland, PA 17557, midway between New Holland and Intercourse

(4) 50 lb. Surge Milker pails with Jet Flo shells - (1) 40 lb. Surge milker; 1 stainless steel wash tank. 717-626-1278

12 DeLaval DV300, good cond. $250 each 717-786-2839

DAIRY EQUIPMENT

For Sale - 5 used Nu-Pulse bucket milkers, w/60 pound pails, 4 used Nu-Pulse pipeline milkers, one 80 pound pail, one used 55 pound Delaval pail, two used 40 pound Delaval pails, one used 3 or 4 unit Nu-Pulse auto. bucket unit washer, one Bender unit washer, one used Surge electro-brain auto. pipeline washer panel, 1.65 HP Surge electric vac. pump motor, one 3 HP single phase vac. pump motor, one used Sentinal vac. controller, one used Surge equalizer 1 vac. controller, used Chore Boy, Conde, Universal, Boumatic, Zero, and Delaval parts, lids, claws and shelves, also some 1½" used pieces of glass pipeline, Lapp's Hardware and Dairy Supply, Box 96, Loop Rd., R.D. 4, Quarryville, PA 17566. 717-786-3970

DAIRY EQUIPMENT

600 gal. vacuum Universal bulk milk tank with 5 hp compressor in good cond. Also, #75 milking machine. 272 cutditioner in good cond. Also, #10 MF baler. 301-632-1207

386 Frey Life Time free stalls, used $15.00 each. New galvanized suspended super free stalls, $29.50 each. Galvanized comfort stalls, $25.50. each. Also self-locking panels. Dealerships available. Call 301-398-2948

Milk house recorder, like new. John S. Fisher, 74 Londonvale Rd., Gordonville, PA 17529

60 lb. pail Nu-Pulse floor milkers, very little used, Used milk tanks and compressors, new vacuum pumps, electric or diesel drive. Bylers Diesel Refrig., Star Route, Belleville, PA 17004

DAIRY EQUIPMENT

Carton filler and sealer small size adjustable for half pints, pints, quarts and half gallons, 100 gal. pastuerizing plate cooler, milk pump and stainless piping, temperature record chart, factory reconditioned like new condition $5980 for all. 216-584-4681

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1-used pipeline w/late model Bou-Matic Receiver Group w/2" Glass

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1-DeLaval 78 Vacuum Pump, like new with 5 H.P. motor, 100 CFM's (NZ) $1200

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1 used Double 4 parlor w/low line; w/4 milker units.

1 double 3 parlor, w/6 automatic take-offs, meters, low line & 6 milker units.

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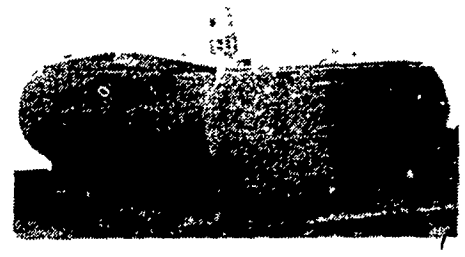

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300 Gal. Esco
425 Gal. Esco
500 Gal. D-2 Girton
3 HP Lehigh Compressor

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SUBURBAN RENTALS, INC.
Hagerstown, MD
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For Sale - Outside calf hutches w/metal roofs & feeders. Stoltzfus Woodwork, RD2 Gap, PA 17527 along 897. 717-442-8972

For Sale - Kraiburg Happy Moo-Mats. 15 sizes. We deliver and install. Vanco Sales, RD 4 Box 300 Carlisle, PA 17013, Phone 717-776-3494

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For bedding. $30 per ton plus freight. 42' trailers, delivered to your farm.
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USED BELTING MATERIAL
Good for free stall and stanchion barns
30", 36", 42", 48", 54", 60" wide
Size 4x6 under $30
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First farm South of Show-Ease Stall Co.

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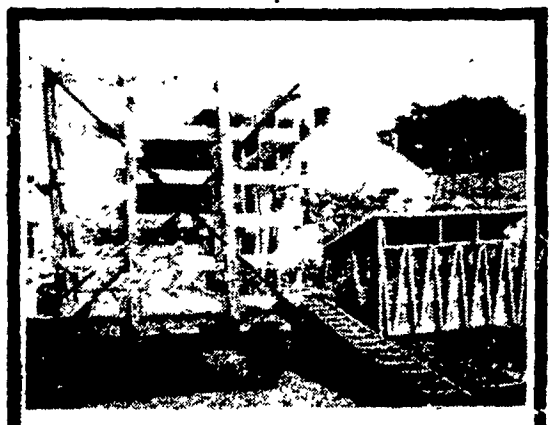

CUSTOM BUILT
* Double Chain Wooden Conveyors
* Taper Board Feeders
* Hay Rack Feeders
* 16' & 18' Hay Rack Wagons, open sides, 4 chains with 1 bar
* Calf Hutches, metal roof in 1 piece.

S. K. STOLTZFUS
550 Beechdale Road
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3 Jamesway shuttlestroke cleaner units. Need chains. Also water bowls. 717-243-4796.

2 round metal feed bins 6'x12' $250 each. 215-593-5665

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Berg hydro ram manure pump, good condition and 14' heavy duty dump body, complete, ideal for shelled corn. 717-726-3659

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William Beam's Baled Wood Shavings
Kiln dried, 3.25 cu. ft. bales. Sold by the bale or truckload.
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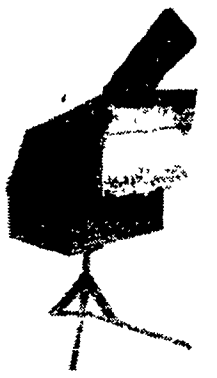

Wood & steel box with 2 compartments. Ideal for dairy or beef.

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Dealers wanted for York & Chester Co.
$175 Complete
$155 Without Insecticide Applicator

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8 Brands, Over 150 Livestock & Flatbed Trailers In Stock For Immediate Delivery.

New 2 Horse TB Models From $1750
New 12 Ft. Stock Models From $1795
New 16 Ft. Stock Models From $1995
New 16 Ft. Gooseneck w/Full Nose & Escape Door $2995
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Several Used Trailers
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Trailers from $4250 to $6500, Ready To Use
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Slats Available in Gangs of 8, 10, 12 ft. Lengths

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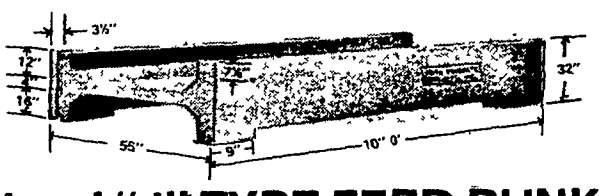

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LOW COST — LONG LIFE
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DEALER INQUIRIES INVITED

CATTLE

7 Jersey cows, 4 Registered, all having records and all due in Fall. Days 201-879-5851. Nights 201-584-5054

8 Angus Heifers bred to Adventure Bull Exam. sale due Nov. $475 or best offer. 814-735-3293.

Registered Gay Ideal, due 10/26, GP 81, bred to Very, 3rd calf, record of 18,331M and 689F, $1,600. 717-687-8868

Bred Holstein heifers, registered and grade. Chester Co. 215-869-2181

15 bred Angus cows, due to calve in spring. Call after 7 p.m., Washington Co. MD. 301-678-5296.

Reg. Angus herd for sale, 18 bred cows, 3 bulls, Excell. bloodlines, Bradford Co. 717-888-7670

For Sale - 12 mth. old Gay son, Dam has records up to 22,000 milk and 736 fat. 14 mth. old Gay son, Dam has records up to 20,564 milk and 728 fat. 717-687-6694

2 bred Charolais cows and 1 heifer calf for sale. 717-428-1839 after 4.

For Sale - 38 reg. bred Angus cows, to calf soon after the first of the year. 703-740-3683

For Sale - Buy your calves fresh off of farm, 80 Angus steer calves, approx. 500 lbs., 50 Angus heifers, approx. 450 lbs., vaccinated w/Bar 4. 301-775-2324

Must sell 6 Registered Holstein Heifers. One to two years old. One bred and preg. checked, others open. Priced to sell, one or all. 201-362-6942

For Sale - 2 registered holstein bulls both 1 yr. old. One out of Starlight, the other out of SWD Valiant. Also have registered holstein cows and heifers for sale. Phone 717-673-8505 or 717-673-5817

Wanted - 50 head 500 lb. feeder cattle. Lanc. Co. 717-859-2797

Purebred polled Simmentals, small herd (6) priced to sell, 717-292-4584, call after 11:00 A.M.

Holstein heifers, due in spring, pregnancy checked, blood tested. Lanc. Co. 215-445-4895

Will board heifers over winter, have room for 50. I provide barn, exercise lot, silage hay and bedding. R1, Christiana, PA 17509, 215-593-6488

High prices paid for goat milk. See ad on page B-5 for details. The Goat Work Inc. Lebanon, NJ. 08833.

For Sale - Reg. Holstein service age bulls with sires up to 22,000+M, dam and grand dam VG with records to 24,000M, 750F. Shelmar Acres 717-653-5663

For Sale - Service age bulls, sired by Bell and Julidi Elmer from excell. 91 2E dams, w/up to 24,000 lbs. of milk w/3 records over 1000 lbs. of fat w/up to 4.4 test. 215-593-6261

CATTLE

Polled Herefords, 6 bred heifers, 25 feeder calves 4-500 lbs. Chester Co. 215-269-1994 evenings.

15 Holsteins $950 to $1150, fresh and close springers, good type udders, must sell 717-263-5702

Twenty reg. polled Herefords, breeding age, cows with calves by side, bred cows, Domino and Murphy bloodlines. Harford Co., MD. Farmer prices 301-452-8621

2 ¾ Limousins, 1 cow, 1 heifer bred to Black Mercedes, 1 1982 heifer calf. Howard Co. 301-489-4595.

For Sale - Reg. Holstein heifer, 5 mo. old, $325. 717-665-3860

40 Angus and Angus Cross Brood Cows 6 with Fall calves by side. 717-349-7551

1 Guernsey family cow for sale. Fresh August 31 w/second calf. 717-442-8336

Registered Jersey cows and heifers for sale. By A.I. bulls. Call 717-334-3926

Two Holstein heifers. 1-reg. Creek Bluff Elevation Lester daughter, dam GP, 2 yr. record 21,876M, 766F, projected this lactation for 24,202M, 824F, bred to Shardale Arlinda Chief Gemini. I-ID grade sired by Whittier Farms Astro Galaxy whose dam has records of 23,824M, 802F and also one of 22,699M, 786F, bred to Rosemere Fury Ivan. Both heifers calfhood vaccinated. 717-658-7496

Will raise your heifers, six months, till freshening time. Hay, silage, grain and minerals available. Lancaster County. Donald S. Eby, 3424 W. Pequea Lane. Gordonville, PA 717-768-3086

IH 706 tractor, 12' grain dump with blower, sale or trade for cattle. Warren Co. NJ. 201-746-3321 eves.

For Sale - Reg. and grade Holstein dairy herd, 40 milk cows and 8 bred heifers 717-837-3532

For Sale - reg. Angus cows, bulls, heifers. Orange Gate FArms, Maurertown, VA 22644, nights 703-459-3414

For Sale - Registered Charolais cattle. Bulls and cows. 609-358-8507

For Sale - Registered Polled Hereford bulls and bred heifers WGD Polled Herefords. 717-836-1907

CATTLE

Wanted - Entire dairy herd, also, bred Holstein heifers. Will pay $25 more per head than the going price. Don't sell until you call me. Reuben Greenberg, Inc., Columbus, NJ 609-298-1021.

Wanted - Herd of dairy cows or heifers, 301-358-0412.

Buyers & Sellers of Livestock -- Be sure to check the advertisements for cattle in the Lancaster Farming. You'll get results! 717-394-3047 or 717-626-1164.

25 springing Holstein heifers. 717-229-2055

LEASE QUALITY DAIRY CATTLE
Various plans available.
Call or Write:
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Simmental Percentage & Purebred bulls, cows, heifers & club calves by leading AI sires. Performance tested. Edward Pierce, R.D. 2, Neshanic Station, NJ 201-369-4039

Service age registered Holstein bulls by Pete, Star, Astronaut, Glendale, Chief and others. Dams classified very good with records over 29,000 lbs. milk and 1195 lbs. milk fat. Stumpland Farm. 215-488-1965

Registered Polled heifers and cows, various ages, excellent bloodlines, New Trend Klondike and Victor. Visitors welcome. Paperhill Farm. 215-647-2432 or 215-647-2787

Beefalo for sale. Call 717-224-4460

For Sale - Registered Holstein bulls from top A1 sires, many available to select from. Star Rock Farms, John Barley 717-872-4058

Registered polled Herefords, cows and calves. Baltimore Co. 301-343-0101

I will board heifers on my farm. Also, 10 acre orchard for rent. 717-733-3438 after 4 p.m.

38 registered Holsteins, 36 cows, 2 bred heifers. DHIA rolling herd average 16,221, 4%, 642, mostly fall freshening and early winter, calfhood was vaccinated, Service Sires Jemini and Elevate, Glenn Johnson Rockwood, PA 814-926-3669.

For Sale - 2 bulls from same EX Elevation mother. 1-Arlinda Chief sired, 20 mo. old; 1-Astronaut sired, 22 mo. old. Call Ross Collins 302-764-4863 eves. after 6.

For Sale - 10 Holstein heifers due early Nov., 50 heifers ready to breed. Phone 717-888-4472.

For Sale - Reg. Simmental bull, 4 yrs. old over 2000 lbs. 717-888-4472.

For Sale - Holstein/Hereford heifer, 19 months, polled, vac. due early April. $500. Bucks Co. 215-766-0705

For Sale - REGISTERED HOLSTEIN heifers, some fresh, others due, sired by Jemini, Pete Creek, Bold C, 3 due soon to Valiant. One Astra Rose dau. w/dam predicted to 23,000. Other fancy ones. Priced to sell. 717-289-4337. Susquehanna Co.

Reg. Jersey 2½ year old cow, fresh milking $1085 717-784-8946 Columbia County

FOR SALE
Reg. Simmental Cows
by Galant, Abricot, Extra, Mr. Clean, etc.
Safe in calf, due this spring
Weaned Heifer & Bull calves
many polled by leading
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Reasonably Priced
All Cattle Guaranteed
914-631-1154 days
914-332-0503 eves.

CATTLE

Herd of 24 Holstein cows. 301-578-1224

Registered Holstein bulls, 1 year old and younger. Out of dams with records to 24,000 milk and 900 fat. Stump Acres 717-792-3216 York County.

FOR LEASE
Will lease to good farmers 1st calf heifers w/option to buy.
Write: Sunrise Farms
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Purebred
Angus Cattle
Bred cows, pairs, bred heifers, yearling heifers, yearling bulls and club calves
Priced to sell
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Tioga County farm

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Cows, Pairs, Heifers, Club Calves, Feeders, Proven Bulls.
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CATTLE

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Terms Cash or short term credit Also, our very popular lease plan
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For Sale - 1972 2 horse inline trailer, good cond., $950. 717-566-6418 eves.

Wanted - Black and white paint or pinto horse, must be child safe and sound. 215-679-9658.

For Sale - 1983 Percheron stallions, sire: LaDonald, Also AQHA Geldings and 1982 stallion sires: Skip Sioux and Poco Shade. Centre County. 814-466-6606

For Sale - 6 yr. old Standardbred carriage or buggy horse, good driver. 717-656-6712

4 year old saddlebred horse. John S. Fisher, 74 Londonvale Rd., Gordonville, PA 17529

For Sale - Thoroughbred mare, 12 yrs., 16 hands, good mover, folds has size and elegance. Reg. Thoroughbred yearling gelding, chestnut, size and temperament, good mover started on lunge. Thoroughbred ¼ horse, 16 hands, Bay 717-528-4344, Adams Co.

11 year old Morgan gelding, good buggy horse and nice rider has papers. Emanuel Smucker along 896, ¼ mile north of Georgetown, evenings after 5:30

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REG. QUARTER HORSES
Horses For Sale
Stallion Service
R.D. 2, Box 179
Berks Co.
Bernville, Pa. 19506
215-488-6914

HORSES & MULES

NOTICE - Stud Service. Reg. Saddlebred bay, 16 hands, high spirited. Ben's Drum Beater. Grand sire Anacoho Shamrock. Paul B. Stoltzfus, RD 1 Refton Rd., New Providence, PA

Wanted - a team of horses suitable for giving hay rides. 215-766-8787 after 6 p.m. or weekends.

SHEEP & GOATS

Registered Hampshire Ram lamb. 717-665-5960

For Sale - Purebred Saanen Buck Al-Har-La David's Goliath. Also Purebred Saanen Buck Service available. Call 717-444-3333

Registered yearling Hampshire Rams, ewe lambs. Henry Showalter, Lanc. Co. 717-859-1094

Commercial goat dairy selling out. 40 registered Alpine dairy goats on DHIA test. Priced from $150 to $350. Also milk processing equipment. See Dairy Equipment classified ad. O'Brock's Goat Dairy, 9435 12th St., North Benton, Ohio 44449. 216-584-4681

Sheep - approx. 50 2 and 3 yr. old Cheviot and cross breeding ewes. 20 6 mth. old ewe lambs by all or part, after 6 p.m. 301-473-5456

Metal 16 head round sheep feeder, four and eight foot panels, holding chute, 3-way cutting gate, round bale feeders, dealer AFS Equipment Ribeye Ranch 717-642-5894 evenings.

Bred milk does to freshen, breeding bucks bred dwarf odes, Adams Co. 717-359-5165

Reg. Dorset rams, both triplets 7 and 8 mo. old, Penn State, Sevick, Nix Bessie bloodlines, fair champion. 717-648-9034

For Sale - 35 bred Dorset and Suffolk ewes, $60 each. 717-687-8240

For Sale - 4 Registered Suffolk Lambs placed in fair shows. 215-777-5238 after 5 p.m. Gregory Weitzel RD8297 Rading

Commercial 3 yr. old bred Suffolk and Suffolk Corriedale ewes Bob Lesly Cambron Star Route, Waynesburg, PA 15370, 412-428-4110

A.D.G.A. Nubian Goats. Pedigrees include Nation's top ten producers, show champions. Loveable, 4-H projects. Breeding service, $25. Gettysburg 717-334-7993

Hampshrie and Dorset rams for sale. Reasonable prices. Delivery available. Fete and Charles Brummer. RD#2, Port Royal, Pa. 17082. 717-527-4081

20 crossbred ewes bred to Suffolk rams, also 8 Suffolk ewe lambs, phone 215-485-6007

High prices paid for goat milk. See ad on page B-5 for details. The Goat Works Inc. Lebanon, NJ 08833

HORSES & MULES

FOR SALE
American Saddlebred Horses
Carriage & Buggy Horses

SPECIAL
One load of Kentucky Saddlebred Horses from Don Boring Stables
Horses will be sold at New Holland Sale Stables on November 1
12:00 Noon
Horses will be hitched at 9:00 a.m.
at New Holland Sale Stables
Saturday, October 30 All day at farm
Farm is located 1 mile north of Bareville on N. Hershey Ave.
J.Z. NOLT
R.D. 1 Leola, Pa. 17540
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DUROC BOARS and gilts, production tested, certified meat type show winning stock. Bloodlines of the best in the U.S. Par-Kay Farm, Park F. Thomas, Beavertown, Pa. Phone 717-658-6544.

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SWINE

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YORKSHIRE AND LANDRACE boars and gilts of all ages. Pseudorabies negative tested boars for sale at all times. Production tested, certified meat tested, Show winners with many carcass champions. Daily drive-in and drive-out service. Reno H. Thomas, Beavertown, PA 17813. 717-658-5821.

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Duroc and
Landrace Boars
from production tested sires. Crossbred gilts from Landrace or Yorkshire sired litters. Crossbred litters maintain a 9 plus weaning average over 400 litters per year.
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Rd 5, Box 428
Manheim, PA 17545
717-665-6220 Mark
717-665-2588 John

Chester white and spotted boars and gilts for sale. Delivery available. James Parlett, RD 2 Airville, PA. 17032. 717-862-3610.

Registered Hampshire, Yorkshire, Landrace Boars, Bred and open Gilts, also Rams, Ewes. Preston Bankert. 717-244-1244

For Sale - Yorkshire Service Boars. Elwood E. Houser, 2150 Quentin Rd., Lebanon, PA 17042. 717-272-5798 or 273-2921

Primarily large white and Landrace cross gilts for sale out of a highly productive unit. Write to Melvin K. Fisher, 25 Quarry Rd., Paradise, PA 17562. Lancaster Co.

Duroc, Yorkshire and Spotted bred gilts for sale. Due to farrow July, Aug. and Sept. Others available on order. Also, boars and open gilts. Our Yorkshire boars at the Penn State test are the only pen at the present time each gaining 2 lbs. a day. Calvin H. Lazarus & Sons, 4290 Bridge St., Whitehall, PA 18052. 215-799-3375 or 3831.

Yorkshire and Hampshire service age boars ready for heavy service, 60 open gilts ready to breed, also 50 crossbred F1 open gilts, all of high quality. Delivery available. John Strawbridge 301-996-2022

Yorkshire boars, breeding age, grouped lots. Millers Yorkshire Farms, R.D. 1, Box 1366, Spring Grove, PA 17362. Call 717-225-1926.

For Sale - Duroc boars, service age, pseudorabies and brucellosis free herd. Delivery can be arranged. Rick Pfautz, RD 1, Stevens, PA 17578. 215-267-3739

For Sale - Hampshire and Berkshire boars, service age. 215-285-6582.

Purebred-registered Yorkshire boars and gilts from quality, productive herd for sale. Charles B. Hall, Box 263, Julian, PA 16844 814-355-1647

Yorkshire boars, bred gilts and open gilts. Pseudorabies free herd. Will deliver. Joel Stern. RD #2, East Berlin, Pa. 17316. 717-292-4634

For Sale - Purebred Yorkshire boars, bred gilts and open gilts. carcass championship bloodlines. Willow Glen Farm, R1, Box 221 Strasburg, PA 17579. 717-786-2562

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Yorkshire, Hampshire, Duroc

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We believe in progress through performance testing in our own boar test station.

April born boars tested 157 days to 230, 2.3 feed efficiency, 2.3 lbs. gained per day.

Free Delivery of 4 boars or 15 gilts
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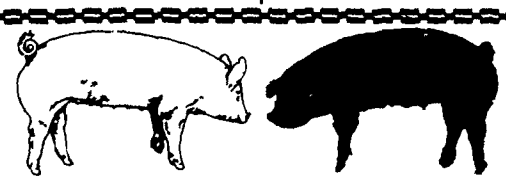

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9 - Late October Service
Boars in this group weighed up to 320# at 200 days. Very aggressive.
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Pa. State Area late October
Lancaster Co. most Mondays
Please call early for delivery.
Brucellosis & Pseudorabies free herds.

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SWINE

For Sale - 14 Bred Gilts, Landrace, due end of Oct. and Nov. 717-626-6142

Quality service age Chester White boars. Contact Ed Hildebrand, RD 2, Biglerville, PA 17307. 717-334-3984

Purebreds, service age boars and open gilts. Duroc Berk, Chester White, Poland China. Price reasonable delivery can be arranged. 301-374-4495

For Sale - Registered Hampshire boars. Service age. Contact Charles Bomgardner, R#3, Annville, PA 17003. 717-867-2890

Poland China boars ready for service. Large selection. Delivery available. Ed Brummer, RD #2, Port Royal, Pa. 17082. 717-527-4081

Berkshire Service boars - one 1 year old, one 10 months, just right for sows or gilts; two 8 months, ready. Guaranteed to work. Blood tested Oct. 25. Reasonable. Russell Cornbower, New Freedom, PA 17349, York Co. 717-235-1549

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For Sale - 6 hole Pride of the Farm hog feeders. 717-733-2310.

Concrete hog slats. VT Petersheim Box 315 Rt. 2, Mifflintown, PA 17059

For Sale - Pre-cast concrete hog gang-slats 6'8'10'12', also hog farrowing slabs, reasonably priced, you pick-up or we arrange delivery near Bernville, PA. 717-933-8695.

For Sale - 1979 12' 40' hog castle (Ag-Best). Excell. shape, self-contained pit, all equipment in new shape, les crates. 215-488-7512

For Sale
20 crate farrowing house, Used, in good condition, 24'x50' Ag-Star.
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POULTRY & SUPPLIES

BABY CHICKS - Hubbard Leghorns, Golden Comets, Cornish Giants, Barred Rock, Reds and other breeds. Also turkeys, ducks, geese, guineas, and game birds. CASE HATCHERY, 79L Brodbecks, Pa. 17329, 717-235-2050

Farmer Automatic 4 deck cage systems, for pullets & layers. No pits needed in building. Reynolds & Yellott, 12800 Gores Mill Rd., Reisterstown, MD 21136. 301-833-1840

Goslings and Aloe Vera for sale. Jacob L. Miller, R.D. 1, Millcreek Schol Rd., Bird-in-Hand, PA 17505

For Sale - 1000 H&N Leghorn pullets, 20 wks. old Sept. 21. Delivery available. Henry K. Beiler, RD 1 Box 120, along Vintage Rd., Christiana, PA 17509

Wanted - used poultry picker, good cond., 609-825-4603.

1500 live female Muscovy ducks, now 9½ weeks of age, we will sell all or part. 914-583-6630

For Sale - 300 Sex Sal pullets, 20 weeks, vacc., debeaked. Enos King 2065 Horse Shoe Road Lanc., PA 17601

Pullets - 1,200 ready to lay Hubbard Golden Comets, small or large orders, delivery can be arranged. Also Cornish Giant Meat-cross chicks hatching year-round. Case Hatchery, Brodbecks, PA 17329. 717-235-2050

Chicken equipment - hang feeders, large egg grader, can run by battery or electric. Daniel E. King, R.D. 3, Box 73, South Custer Ave., New Holland, PA 17557, Midway between New Holland and Intercourse

Sex-Sal laying hens for sale. Started laying May 1st, 3.60 each. Call 215-777-0308

500 Red Sex-Sal yearling chickens. 717-442-8340

For Sale - 370 red pullets, 20 weeks old, $3.80 each. Call 215-445-5461

For Sale - 5 ton feed bin w/divider, 2 Big Dutchman feeders, 8' waterers, gas brooders, wall fans, medicator, tube feeders, gallon glass waterers, 717-865-3025 Lebanon County after 6 P.M.

HOG EQUIPMENT & SUPPLIES

HOG EQUIPMENT & SUPPLIES

HOG SHELTERS
Model 70 and 40

- Nebraska style with slant roof
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- Both models constructed of 2" tubing

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Wanted
Double Yolk Eggs
Will pay premium price
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Sell direct to us for cash.
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* Bantams
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* Capons
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An integrated Pa. egg firm is seeking a self-starting marketing person. This position will be responsible for shell egg and egg products. Send resume to Lancaster Farming, P.O. Box 366 D-16, Lititz, Pa. 17543.

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Wanted Wooden Floor Slats for Poultry
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WANTED HEAVY HENS
We buy, sell and haul all kinds of poultry.
Yank's
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For Sale - Oyster shells, Contact Nelson Weaver & Son, Inc., Lititz, PA 717-626-8538

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Will buy moldy grain. 301-833-1847

Wood shavings, sawdust, kiln dried; bag or bulk, year round supply, excellent quality hay, straw and all horticultural products. Jerry Migli, Hobart, NY 607-538-9492

ProLasse 8%
All Natural Molasses Base Liquid Protein. Make sweet feed with any PTO mixer. Wholesale, retail from manufacturer, dealer inquiries invited. Call collect. 301-343-0343

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For Sale - Hart seed wheat, cleaned, treated, $6.00 per bu. Mervin Ruppert Cumberland Co. 717-766-4907

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For Sale - round bales of hay, timothy, orchard grass, some clover and alfalfa, exc. quality, $35 per bale loaded; also exc. quality haylage, tests high in protein and energy, test available, $35 per ton delivered. Small bales also available-orchard grass and alfalfa. Call for details 717-624-7585 or 624-2429

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Rye seed, large grain, clean or unclean. Delivery to Lancaster County can be arranged. Berks County. 215-683-7922

Field corn on stalk or by ton. 300+ acres, Ford 6000 diesel. 814-355-7613

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Good Feeding Hay
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For $5 25 you will receive **Decision Factor** with instructions on how to use it Send $5 25 in check or money order to **Agri-Economics Unlimited**, Box 87, Bowmansdale, Pa 17008 No cash please Allow up to four weeks for delivery

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For Corn and Soybean Fodder

Have truck and rollback - will bale in Lanc. Co. and surrounding counties.
Free use of fork for transporting bales while baling on your farm.
$5.75 per bale (includes tractor, baler, twine, fuel & operator)
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Herdsperson needed north west New Jersey location. Must have experience. Good opportunity for husband wife team. No on farm housing. Good pay. Call Manager. 201-832-2905

Experienced mature individual to develop and manage hog operation in Centre County. 814-238-1238 after 8 P.M.

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Offshore rigs
No experience necessary. Start immediately. $35,000 plus a year. For information call 1-312-920-9677, Ext. 1370B

Experienced person to work on 150 cow operation. Feeding, scraping and once a day parlor milking, no field work required. Good working cond., w/full benefits. Call 215-444-3302 for information.

For rent - complete livestock facility in Southeastern NY, on farm rental housing available, good family opportunity, contact farm manager for details 201-832-2905

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We are looking for an individual who is currently working in an agricultural business with a "strong" background.
Join a company where the past September business sales volume has been better than 1981, which was one of the best! Forecast for the balance of 1982 is to exceed 1981 near-record sales!
Our product is a 'big ticket' item that lessens production costs of a farmer. Income potential is $35,000 plus. Territory would be Lancaster and Chester County areas. Inquiries are treated confidentially.
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Young Christian couple with small herd desires to lease or lease-purchase dairy farm for spring 1983. 717-442-8634

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I am seeking part time work in Kirkwood area. Experienced at farming, lumber yard work, also truck driving with class III license. Phone 529-2236 evenings

BUSINESS OPPORTUNITIES

Restaurant and lunch counter, located at 2 Day Lancaster Farmers' Market, good traffic and income. 717-442-4279

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'79 Dodge 4WD short bed, power steering, auto. trans., air cond., FM cassette stereo, custom interior, cap, white spoke wheels, 18,000 mi., $6500. Harford Co., MD 301-676-0738

1972 LN 600 Ford cattle truck, 20' body, 5 spd. 2 spd. axle, V-8, 85,000 mi., exc. cond., Berks Co. 215-987-3700.

For Sale - 13 Speed Cab over International Tandem Truck Tractor Good Condition - Reasonable price, new paint, good tires. Will consider trade for tandem dump trailer. Phone between 7-5 717-546-5981

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1975 Int. C01850B Cat diesel, 5&2, air brakes, 27,500 GVW, as is, asking $4500. 717-354-9947 7 a.m. - 5 p.m.

1960 IH truck, 2 speed, rear 6 cyl., 21,000 tag 8:25 - 20 tires, 12' flat body runs good, newly inspected, call 215-926-3756 or best offer.

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1975 Caterpillar lift, 951C 80% undercarriage, very good condition, also 1969 Ford tandem axle dump truck and 15 ton trailer. All for $22,000 or will sell lift separate. 717-532-8383 or 717-532-7887

1977 GMC (JIMMY) 4x4, 350 v-8 Automatic, PS, Tilt Steering AM-FM PB. good condition. $3850.00 Lanc. Co. 717-665-2271

1972 LN 9000 tri-axle 318, 10 speed, new 10x20 19' aluminum bed, 800 bu. capacity, excell. cond. after 8 p.m. 215-869-3375

1974 Ford F100, ½ ton pick-up with load extender springs, custom deluxe, great condition, 2-tone paint, deluxe interior, air conditioning, power steering and power brakes, no rust, radial tires; $2500 negotiable; (717) 397-2093, 285-3051 or 301-666-8477

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For Sale - 1979 Trail-et 2 horse trailer w/6' dressing room, 7' high, padded stalls and ramp load, mint condition, used 6 times, $3,800. 717-242-2089 or 248-2865

4-825-20 10 ply off season truck tires, new recaps, $150. 717-786-1899 or 786-4206

40' Pot Belly livestock trailer for corn crib. $500. 35 and 40' van trailers, 35 and 40' flat trailers. Keens 717-626-5420

New 2000 lb. utility trailer 5' 8' 16" sides ready for road, Blair Co. 814-224-4056. $425.

1972 Ford truck 225 Cat diesel, 20' grain box w/dump, 52000 GVW, $8,500. 717-739-4637

For Sale - '76 Chevy pick-up ¾ ton, V8 auto., 58,000 mile, blue, excell. cond. $3195
78 Ford panel van, F150, V8-auto., P/S 50,000 mile $3595.
'77 Chevy pick up ½ ton, 6 cyl., 3 speed, 55,000 mile $2895.
'80 Ford pick up F150, 6 cyl., P/S 3 speed and O.D., AM-FM 25,000 mile, dark green $5495. Call 717-733-8985

TRUCKS & TRAILERS

1980 Chev. C-10, 6 cyl., 3 spd., ps, pb, with topper, 36,000 mi., dark blue, $4950. 717-626-1564 dlr.

Energy Hyd. truck hoist Sales & Service. - Anderson's Repair Shop, Rd 1, Felton, PA 717-244-2039.

'74 IH cabover sleeper, 318 Detroit, twinscrew, low mileage, 10:20 radial tires, sliding 5th wheel, PS, $9,500. 215-286-9510

2½ ton, 5 sp. high-low range Army trucks, 1 gas, 1 diesel, 9:20 tires, tandem axles, $3400 gas, $4200 diesel. 609-769-3183.

Army Trucks - diesel, 5 speed, high-low range, tandem axle, 900:00x20 tires. $4,200. 609-769-3183

For Sale - 10' wood livestock body; 12' wood livestock body; 20' wood livestock body; 26' alum. livestock body; 12' wood livestock body. M. H. Eby, Blue Ball 717-354-4971.

1980 Datsun sm. cube van with roll door, 4 cyl., 4 spd., AM-FM, 18,000 mi., like new, $5950. 717-626-1564 dlr.

1978 Chevy pickup, crew cab, V8 4 speed dual wheel, 10,000 GVW. 717-865-6710

1975 F600 Ford Truck. 26,000 GVW, 5 speed-2 speed, 16' dump stake body, exceil. cond. Lacka. Co. 717-587-1271.

77 1 ton Dodge truck w/3 axle 32' flat bed gooseneck trailer, sold together or separate 717-597-7476.

1970 Mack, V600, single axle, 237 five spd., AC, wetline, exc. condition. $7500. 215-767-9186 after 6 p.m.

1971 Int. 11,000 lb. GVW truck with 5 ton hoist, V-8, 4 spd., 16" wheels, new paint, brakes and tires, $2600; 1971 Int. 35,000 lb. GVW cab and chassis, 478 V-8 engine, 5 spd., 2 spd., air brakes, power steering, needs cab work, as is, $1600. Also 10x7' dump body with hoist and pump, exc. shape. $900. 717-786-2522, 786-7723.

Trailers for sale - 40' Trailco flat, slider on 20, 40'x12' 6" Fruehauf van, slider on 20. Livestock trailer for corn crib, storage trailers for sale or rent. Keens, 717-626-5420.

1979 GMC Astro 95, single axle, 290 Cummins, 9 spd., new tires 10:20, 7 MPG, 285,000 miles, must sell, ill health $21,500 or make offer Berks Co. 215-987-6221 days 215-987-6313 nights, ask for Ray.

20' Haynes gooseneck cattle trailer w/hitch, electric brakes, tandem wheels, good rubber, $1,200 or best offer. 301-838-7472

Wanted good long tandem dump trailer. Phone your offer to 717-546-5981

TRUCKS & TRAILERS

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1965 4 tandem axle w/Cummins engine and 3250 Calumet liquid manure tanks, good cond. $6500 717-285-3711

For Sale - 1979 Chevrolet 30 series truck w/17' aluminum Jerr-Dam rollback bed, 25,000 miles, automatic transmission, excellent condition, $12,500. 717-463-2394

Wanted F-600 late 12' or 14' stake. 814-834-4960

'81 Chevy ¾ T pick-up, 305, 4 speed, PS/PB, dual tanks, radial tires, 2-tone paint, 15,000 miles, $6150 717-733-2873

1978 Ford LN 7000 w/20' Van Body and Lift Gate 3208 Cat, power sterring, 5 and 2, excellent condition. $9,750. 301-795-9631

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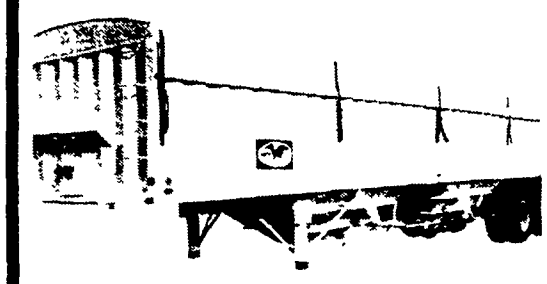

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1979 Ford F150 Ranger XLT, 400 V8, Auto., PS, PB, Air Cond., AM-FM, Dual Tanks, 2 Tone Blue & White, Chrome Running Boards $7995

1979 Dodge Ramcharger, 318 V8, Auto., PS, PB, AM-FM ... $6995

1979 Chevy Blazer, 350 V8, Auto., PS, PB, Air Cond., AM Radio, Rust-Proofed, 2 Tone Paint $8495

1979 Ford Bronco Custom, 351 V8, Auto., PS, PB, Air Cond., AM Radio, 34,000 Miles, 2 Tone Red & White ... $8695

1979 Ford Bronco Ranger XLT, 351 V8, Auto., PS, PB, Air Cond., AM-FM Stereo, 2 Tone Maroon & Black w/White Roof $8995

1979 Dodge W150 Pickup, 360 V8, Auto., PS, PB, AM Radio, Cap, Very Clean $6995

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1978 Dodge Ram Charger, 318 V8, Auto., PS, PB, AM Radio, All Black w/White Spoke Wheels $5995

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1977 Dodge Shortbed, 318 V8, Auto., PS, PB, AM Radio $4995

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1979 Chevy Scottsdale Suburban Trailer Special, 454 V8, Auto., PS, PB, Air Cond., AM Radio, 30,000 Miles $6995

1973 Chevy Suburban, ¾ Ton, 350 V8, Auto., PS, PB, AM-FM $1995

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1977 Chevy C20, Single Wheels, 350 V8, Auto., PS, PB, w/Lift Installed On Bed .. $5395

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1981 Chevy C20 Crew Cab, 292 6-Cyl., Auto., PS, PB, AM-FM, Air Cond., Dual Tanks, 23,000 Miles $9495

1980 Chevy C10 Custom, 260 6 Cyl., 3 Speed, AM Radio, 20,000 Miles $5995

1980 Chevy C-30 Bonanza, Camper Special, 350 V8 Auto., PS, PB, Air Cond., Dual Tanks, 9000 GVW, Cap, 2 Tone Paint, Only 14,000 Miles $8995

1979 Chevy C-20 Cheyenne, Trailer Special 454 V8, Auto., PS, PB, Air, Tilt Wheel, Dual Tanks, AM-FM, 8200 GVW, 34,000 Miles $7495

1979 Ford F150 Custom, 300 6 Cyl., Auto., PS, PB, AM Radio $5795

1979 Ford F100 Custom, 302 V8, 3 Speed, PS, AM Radio. .. $4995

1978 Ford Ranger XLT, 351 V8, Auto., PS, PB, Air Cond., AM-FM & 8-Track Tape, 2 Tone Paint, White Spoke Wheels, Very Clean $5995

1978 Chevy C20, with Reading Utility Body, 292 6 Cyl., Auto., PB, New Paint $4895

1978 GMC Shortbed, 6 Cyl., Auto., PS, PB, AM-FM, Air Cond., Cap, 1 Owner Truck, 33,000 Miles $4995

1977 Chevy C10 Scottsdale, 350 V8, Auto, PS, PB, AM Radio, Rally Wheels, Alum. Running Boards, 2 Tone Dk. Brown & Buckskin, 32,000 Miles $5295

1977 GMC Sierra Classic Crew Cab, Camper Special, 350 V8, Auto., PS, PB, Air Cond., Dual Tanks, 8200 GVW $5995

1977 Chevy C10 Silverado, 350 V8, Auto., PS, PB, Power Windows & Locks, Cruise Control, Tilt Wheel, AM-FM, Dual Tanks, Sliding Rear Window, 2 Tone Paint $4995

1976 Chevy, C10 Shortbed, 350 V8, 3 Spd., Stand, PB, AM-FM, Black with White Spoke Wheels $3495

VANS

1982 Chevy Conversion Van, 6 Cyl., Auto., PS, PB, Air Cond., AM-FM & Tape, CB, only 7000 Miles - Like New. $15,900

1981 Ford E100 Econoline, 6 Cyl., Auto., PS, PB, AM Radio, Dual Tanks $6895

1979 Dodge B200 Panel Van, 318 V8, Auto, PS, PB, AM Radio $5495

1979 Ford E150 Econoline, 351 V8, 3 Speed Standard, PS, PB, AM Radio, 45,000 Miles .. $4995

1979 Chevy 8-Passenger Beauville, 350 V8, Auto., PS, PB, Air Cond., Tilt Wheel, Cruise Cont., AM-FM Stereo, 33 Gal. Tank $8995

1977 Dodge 8 Passenger Royal Sportsman, Trailer Special, 440 V8, Auto., PS, PB, Air Cond., AM Radio $6995

1977 Chevy Short Wheel Base Window Van, 5 Pass., 350 V8, 3 Speed Standard, PS, PB, AM-FM & 8-Track $4295

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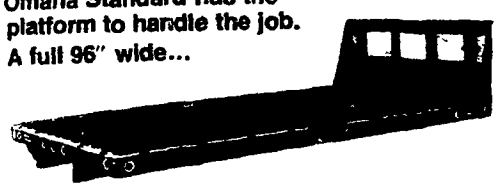

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AUTOMOBILES

'81 Mercury Zephyr, 4 door, 6 cyl., PB/PS, air, cruise control, 32,000 miles, black, $4250. 717-733-2873

1981 Olds Cutlass cruiser Brougham station wagon, diesel, auto., loaded with options inc. CB, 59,000 mi $5795. 717-626-1564 dlr.

Suzuki, 1980 GS450T, maroon metal flake paint w/pin stripes, polyglycoat, star wheels, 6 speeds w/LED gear position indicator, storage compartment under seat. Many extras. Before considering spending $1000 more for 1982 bike, check this one out. Perfect condition, garage-kept, never intentionally rode in rain, sharp looking, $1300 negotiable. Call 717-285-3051 or 397-2093

1978 Olds Cutlass Supreme, 2 dr., V-6, auto, Ps, pb, sport wheels, $3750. 717-626-1564 dlr.

'80 Dodge Omni, 4 door, 4 cyl., 4 speed, 36,000 miles, dark brown, $3250. 717-733-2873

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Austrilian Shepherd pups from working parents. Excellent pets or herding dogs. 814-238-1238 after 8 P.M.

For Sale - Purebred Border Collie puppies. 717-362-9233

For Sale - AKC Golden Retriever dogs. 3 mths. old, need good homes, $100 each call 717-437-3348

Available for adoption - Baron and Heidi, 8 year old white German Shepherds, healthy, housebroken, gentle, good watchdogs, master died. 717-393-6551 9-5 daily except Wed.

Nicely marked reg. border Collie pups, 6 wks. old, has shots, call evenings. 717-284-2176

AKC Mastiff puppies, 6 wks., old. Lanc. Co. 717-529-6535

Puppies Wanted : AKC, purebred, mixed. 717-442-4259 or write 296 S. Vintage Rd., Paradise, PA 17562

Jack Russel terriers, whelped 7/21/82, males, wormed and shots, a very devoted pet and loves to hunt ground hogs and rats, $100 or $150, 717-469-0782

MISCELLANEOUS

FOR SALE - New and used automatic washers, dryers, gas and electric refrigerators, ranges, used wringer-engine washers, new bedroom furniture. Open 7:30 to 4:30; Saturday, 7:30 to 12:00; evenings by apointment. Myer's Washer-Dryer, Rt. 772, between Brownstown and Leola. 717-656-7169

HOUSEHOLD GOODS

For Sale - Prizer Cook Stove, excellent shape. 215-593-5754.

PETS

Wanted: Puppies, all breeds. Jack's Dog Farm, Rt. 611 Pipersville, PA 18947. 215-766-8802

AKC Siberian husky puppies, blue eyes, shots, wormed, $150. 215-593-2260

Chihuahua puppies $50. No Sunday calls. Also stud service. Lancaster Co. 717-786-8314

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PETS

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Locust posts, $1.25 each, if we deliver $1.50 each. 717-582-4018.

For Sale - tractor trailer load of round split hardwood. 717-425-3697

Solar Heat price breakthrough (Creode 2), 10,000 BTU per day average, portable lifetime unit is $39.95, shipped assembled factory direct, satisfaction guaranteed. Free literature. Dealer inquiries welcome. Creode 2, R.D. 1, Box 183, Howes Cove, NY 12092.

Information on stolen elevator Aug. 22, 1977, New Idea purchase new 3-22-75, model no. 177-9001, serial no. 42507, fifty dollar reward, please contact William N. Ensor, Parkton, MD 301-357-8314

MISCELLANEOUS

For Sale - Flourescent lights 2'x8' with 8-4' bulbs $15 each. Call 215-932-8499

For Sale - Welded mesh wire 4½' wide 10' long, $3.00 per sheet, 4'10"W 8'L, $2.75 per sheet, 28"W10'L, $1.50 per sheet, all 1"x2" mesh, also 28"W 10'L 1"x1" mesh, $2.00 per sheet, delivery available. 717-354-9840

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Wanted - wood and coal stove combination, must be in good cond. 717-786-2839

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Pages B31 thru B35

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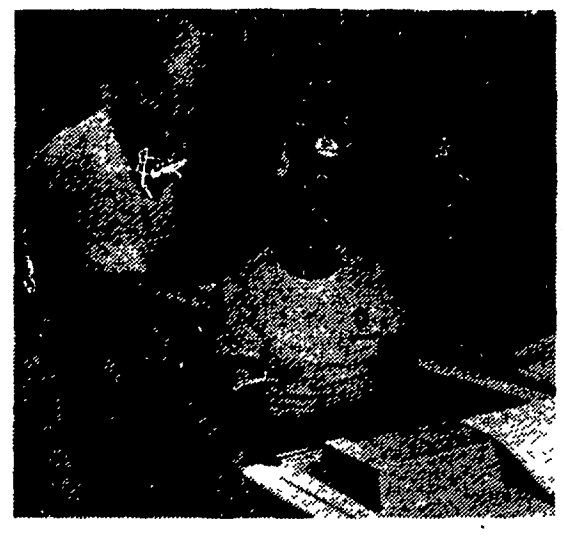

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A couple of days working in the shadow of

Following are three vignettes taken from a couple of days with four farm families who live in the shadow of the Narvon mine.

That's the mine developers want to make into a landfill dump for hazardous wastes.

It was two days last week – two beautiful days.

The first dawned with the first killer frost of the season. The sun rose over a thin mantel of white. Some of the flowers in the yards of the farmhouses were wilted limp. Others nestled closer to the buildings survived.

It felt good to get into the barn. The 75 head of feeder steers still getting used to their new surroundings snorted their breakfast call.

The mule's shod hoof rattled the wooden stall.

Outside later in the warm sun, the jacket was soon shed – almost as fast as the first husk from the corn.

These two days were the kind that a farmer standing in the middle of a field says to himself:

"It's great to be alive.

"This is where I want to be.

"I wouldn't trade places with anyone else in the world."

As they looked out over their fields, these statements were in the eyes of the Narvon farmers.

But there was concern, too.

Concern, worry and downright fear about the hazardous waste dump people want to put next door.–dick anglestein

Five-year-old David Newswanger gets to rummage through the wagon load of corn during husking to find occasional red ears to sell as Indian corn.

Hey, you in the buggy, pull over

BY DICK ANGLESTEIN

NARVON — The first time it happened I was scared.

In fact, darned scared.

My first warning should have been the horse's ears. They flicked forward and stayed there.

But Eli and I were talking and the steady rumble of the metal wheels and the click-clomp of the horse's shoes on the concrete drowned out the approaching roar--a 20-ton roar.

And then all of a sudden, the gleaming, metal monster was alongside.

The suction created by the passing milk tanker sucked the horse's mane and tail straight to the side.

It even raised the buggy up on its springs and seemingly tried to pull it, us and the horse right along.

farming in a shadow

It was the first time I had ridden in a closed buggy on a busy highway and was overtaken and passed by a large truck.

Let me tell you, it's an experience.

Just a couple days before I almost got sandwiched between two tractor trailers while tooling a sports car along much faster than I should have been traveling.

But the feeling I now had in the pit of my stomach was much worse than that episode.

"I wasn't paying attention," Eli Newswanger said.

"You myust drive with one eye on the horse and the other on the rearview mirror.

"Sometimes when I get to talking, I forget.

"I always try to keep an eye on the traffic in back and pull over to let it pass whenever I can."

Eli Newswanger is the closest farmer to the Narvon mine, which has been proposed as the site for a hazardous waste dump.

Next to the fear of pollution of his spring water source for his family and farm, he dreads most the increased traffic the dump will generate.

Now, I understand only too well why.

From the moment we pulled out of the lane onto the busy Rt. 322 to the moment we turned back into it. I was sitting on the edge of the buggy seat.

When you pull out, the horse is straining at the traces and Eli keeps a firm hold on the reins. Then, when the way is clear, he gives the horse his head, slaps him with the reins and shouts. It's kinda like holding one foot on the brake with the other on the accelerator when you want to drag someone.

But here, it's no game. That traffic bears down awfully fast.

After feeding and watering the livestock, Eli and I drove in the buggy some four miles from his farm to the Shady Maple Market – Lancaster County's largest supermarket.

As we were getting ready to go, his five-year-old son, David, came dashing out of the farm house toward the barn to half-whisper a question in Pennsylvania Dutch.

"He wants to go along," Eli explained.

"He likes to go. The cashier always has some candy."

So off we went bouncing down the long half-mile lane toward Rt. 322. Eli and I were on the seat with the buggy blanket across our legs. It felt good. It was the morning of the first killing frost.

Eli explained about an experience he once had along the road.

"I was driving along and wasn't paying attention in back," he said.

"All of a sudden, this voice came out of nowhere and said:

"Hey, you in the buggy, would you mind pulling over.

"I didn't know what to make of it

"So I said sorry and pulled over.

"As this truck pulled around me, the voice said: Thank you."

Eli's voice out of the blue was a trucker with a loud speaker hooked to his CB radio, who got a little impatient with the slower buggy.

In front of us, the horse was snorting puffs of smoky breath in the chilly morning air. Steam was rising from his back.

"Do you mind the front open," Eli asked.

"I like the fresh air. I'm the kind that would rather be out in it forking hay.

"I don't like when I have to sit down and figure the income.

"When I'm only head tired, I can't sleep right. But when my whole body is tired, I have no trouble at all."

Finally, we near the sprawling Shady Maple that began about a dozen years ago as a roadside stand under two shade trees. Now, it's a one-stop cornucopia that attracts shoppers from several states.

Large waste disposal truck heading past roadside pumpkin stand along Rt. 322 toward Lan-Chester Dump has become symbol of residents' fears of increased traffic. The big trucks have been dubbed "The Jolly Green Giants."

Eli ties the horse to the rail. He lifts a hoof and looks at a hock.

"I gotta put something on this raw area when we get back," he said.

"This is a good horse – not as sleek as the younger fellas like but she gets me where I want to go.

"Those younger fellas can easily get $2,000 into a buggy, the same in a horse and $400 or so into fancy harness."

Why that's as much as some cars cost, I think.

"Horses are like people," Eli continues.

"You always have some trouble with the good ones – the ones that aren't afaid to work.

"You must drive with one eye on the horse and the other on the anything."

Just after we get in the market, Eli hefts 60 pounds of sugar into the cart.

"I buy so that I don't have to come so often," he said.

I don't blame you, I say to myself, recalling the just-completed ride.

"They've sure changed this place around," Eli said.

"I can't find the black and white section."

I keep quiet because I don't want to appear dumb. This place is big but surely they don't sell Holsteins, too.

"Here's the black and white part," Eli said.

It's the non-brand name, non-generic section. And sure enough all the packages and boxes are plain black and white.

Our shopping completed, we go to the checkout. Passing through the aisles, Eli has a cheery hello for several people.

And as one clerk bags the purchases the other reaches under the counter and extends a box of candy toward little David. He takes one.

Eli waits a couple of seconds and then says to the boy:

"Was sagts du?"

"Thank you," David replies.

(Turn to Page D4)

the proposed Narvon hazardous waste dump

Their future gushes forth from a well

BY DICK ANGLESTEIN

NARVON — Amos and Ammon Martin are brothers.

They have shared a farm and they also share a $300,000 or so debt load that goes along with the farm.

And now, the farm lies in the shadow of the Narvon mine. In the shadow of the proposed hazardous waste dump.

That kind of a debt load is a sizable one for a mechanized farmer with lots of land. But Amos has only 22 acres and Ammon has 35. Each farm with a pair of mules.

So, Amos and Ammon must get the most from their land and that means reliance on good, clean water.

Both of the brothers are in their 30's and waited quite a few years to take the plunge. Amos farmed his father's land and Ammon rented for eight years.

"It was three years ago in September that I bought the farm," Ammon recalled.

"That's when prices were at their highest, too.

"I've learned since that there are quite a few things that you don't do after going $300,000 into debt."

Then, the brothers decided to share the farm and reduce the debt load for each.

"I was farming for my dad," Amos explained.

"Ammon had a notion to sell off some of the land to cut his expense.

"Well, I had a notion that I'd like to take it.

"So, I bought the back 22 acres, just the land with nothing on it, for $100,000."

Both of the brothers add a postscript to their decision to go on their own – the dream and plans of every young farmer.

"If we had known that they wanted to put in a dump, do you think we would have bought here," they ask.

The Martin brothers openly discussed their dilemma in the middle of a sun-drenched cornfield amidst corn husking.

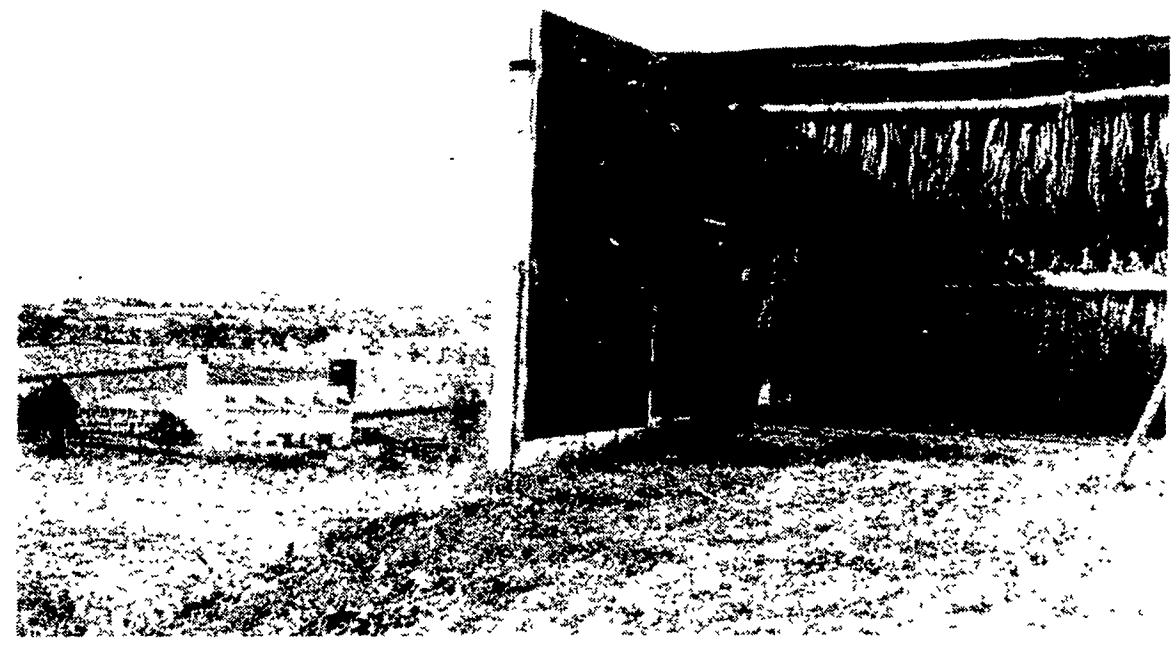
It's been more than a quarter-century since I have husked corn. My earlier experience was when my hand was too small for the hook to be strapped on.

Husking corn, ear by ear, stalk by stalk, is a very intimate harvesting chore. You get to know each ear personally – this nice big one, another that a deer nibbled on, one that the squirrels got to, some dried just right and the husk pulls off rather easy, but another with a husk like rubbery leather that resists the strongest tugs.

When you husk corn, your feet are on the ground– planted on the land from which it springs.

I've sat 10 or so feet off the ground in big metal monsters – red, green or yellow in color – and watched through the plexiglass as the stalks were pulled inside by the phalanx of extended tongues.

Into the innerds of the machine, the entire plants disappear. The threshed kernels gush up into the



With a heavy debt load, you plant a lot of tobacco, hang the sheds full from roof to floor and pray for an active market and a good price.

huge metallic belly behind you and the shredded stalks and leaves are spit out the rear.

But, it's a lot different husking. You get an idea of your yield ear by ear.

You don't mutilate the plant just to get the kernels. After you remove the ear and toss it into the wagon, the plant still stands there as if it were untouched – ready to be binded into bedding.

I can't help but wonder that farming like this must put these Old Order Mennonite farmers closer in touch with their land.

You're not sitting in a heated, isolated cab listening to a stereo tape, while the machine under you does the work.

Instead, your feet are firmly planted on that land and you move the wagon ahead by voice command to a pair of mules, who look back over their shoulders frequently, with floppy ears bobbing, impatient to get on down the field.

As Amos says:

"I plan for this to be my home for a long time. I don't want them to goof it up with that dump."

Both Amos and Ammon think of the well they have drilled to supply both of their farms – a well from which their futures and those of their families literally gush forth.

"The first year I lived with Ammon," Amos explained.

"We had trouble with his well.

"So, we drilled one up here on the hill. I just told the driller I want it here.

"We'll, he got down 175 feet and I started to wonder. We only had a couple of gallons or so.

"I told him to keep going.

"At 200 feet, we started getting some more.

"I told him to keep going.

"It was about 250 feet when he hit it. We were putting up tobacco and I happened to look up. It gushed up higher than his boom."

Now, the brothers are blessed with plenty of water. But...

"A lot of underground water comes out of that mountain," Amos said.

H pounts to the area where they

(Turn to Page D4)

An eternal spring and walking on the mountain

BY DICK ANGLESTEIN

NARVON — Did you ever drink cool, clear mountain spring water?

Does that question sound familiar. You've probably heard it time and again on the radio or TV.

It's the opening statement in a popular beer commercial.

Now, this probably sounds totally incongruous – talking about beer in a story about Old Order Mennonite farmers who are concerned about their land and farms located next to the site of a proposed hazardous waste dump.

Well, in a way it is.

But the last time I drank cool, clear mountain spring water was at the dinner table of David Martin – one of those concerned farmers.

After the silent, individual blessing, we began the meal with it. And what a meal it was. As were those with Eli Newswanger, Amos and Ammon Martin (no direct relation).

The single thread that ran through all of the meals that I shared with them was that each and every item on the massive farm tables originated on the farms. Farms that need good clean water to produce that food.

From the cool, clear mountain spring water through the trio of homemade desserts always available, it all comes from their farms.

–Beef that melts in your mouth and is organically raised.

–And equally succulent roast pork or sausage.

–Fresh vegetables and fruits. Bread that tastes like bread and not the cellophane wrapper as store bread resembles.

With the majority of his 13 children around the table, David Martin – the patriarch of the four families I visited – expresses his concern about the proposed hazardous waste dump.

"I've been 50 years on this farm," he said, "came here at seven when dad bought it.

"For all these years we've depended on that spring.

Out of pipes comes overflow from spring in the shadow of the Narvon mine that has faithfully served three farms for at least three-quarters of a century.

"It has never failed us. Not even those dry summers like 1957, when it was awful dry.

"There's always been an overflow from it."

And the Martin farm isn't the only one that depends on it. Its water flows through a common pipe to the Herr farm above and the Garman farm below.

This one "eternal" spring has thus served three farms unfailingly for at least three-quarters of a century. That's close to a couple of hundred head of cattle, several score of hogs, a flock of 50 or 60 sheep each year, miscellaneous livestock, 30 or more people and their self-sustaining gardens.

"Ever since I came here at seven, I walk up on that mountain at least once a summer, often two or three times," he said.

David is referring to the mountain on which it is proposed to locate the hazardous waste dump. His spring and that of his neighbors originates just below that mountain. The spring of Eli Newswanger is even closer.

"The very highest spot up there we call Money Rock," he said.

"That name was around long before I knew anthing about this area.

"On a very clear day, maybe one in 10, you can see a little bit of the Blue Ridge mountain, up at Hamburg, 40 miles or a little better away.

"You can see the ridge west of Reading easy.

"They quarried stone up there first and I can still remember the donkey railroad I saw as a boy."

Passing the sausage for another helping, David speaks fondly of the mountain. Over his left shoulder, I can see a small mountain of bread that was baked just that afternoon.

With my mouth watering, I say:

"I'll have another 'stick brot' too.

David's description of the mountain, its flora and fauna, reminds me of Grandpop Walton on the popular TV show. But then, the Martin family isn't familiar with our electronic, modern friends.

"Oak trees are the main ones up there," David said.

"But the gypsy moths got a lot of them."

Farming in a shadow

He makes that statement with almost a foreboding inflection to his voice.

David recalls when he first suspected that something was amiss up on the mountain. It was at a time when owners and new buyers were keeping quiet and first began to cast their shadow over the land.

"I was up there and saw that they stripped off about 20 acres of land," he explained.

"That's more land than they had used for mining the clay during the past 75 years.

"Then they brought these big carryalls in."

Efforts to learn anything were futile.

(Turn to Page D4)

Eli Newswanger

(Continued from Page D2)

And thus was part of a day with Eli Newswanger, whose farm is the key to the Narvon hazardous waste dump proposal. Developers want it to provide a better access to the mine site that overlooks Eli's farm

Twice, real estate men from Philadelphia have come up that long lane to buy his farm.

"These people should remember that they should be small just like the farmer when they come to talk," he said.

By "small" Eli means don't come on strong to me or you've just chocked off any chance of even communicating.

Later down in the lower field while husking corn, Eli says:

"I could probably get a lot of money and go somewhere else.

"But what's money?

"I read about people who have a lot and they do things like shoot themselves.

"If I sold the farm, how could I ride by and look in here?

"How could I ever look in the faces of my friends and neighbors?"

Amos and Ammon Martin

(Continued from Page D3)

want to locate the hazardous waste dump.

"I'm most concerned about that water."

Ammon and Amos have plans down the road for the water. Eventually they'd like to dig a pond, erect a windmill and store the water for irrigation – tobacco or cantaloupes or whatever.

But remember when the big city stores advertised that they didn't have TMI milk.

Well, will Acme or other supermarkets stock the Conestoga cantaloupes, as they do now, if there's a hazardous waste dump next to the farms where they are grown?

Ammon, his wife, and their six small daughters live in the farmhouse on the land that the brothers shared.

Amos, his wife and three daughters still live in a mobile home that used to be a temporary classroom at Terre Hill.

Next year, Amos hopes to finally start a permanent home for his family after three years on the farm.

Other things have come first. Like building a tobacco shed and barn from two sheds torn down at Schoeneck and near Lancaster.

Or the equipment building and shop he's now putting up.

Or drilling the well with which he and his brother have been blessed.

A well, on which they hope their land can depend for generations to come.

Researchers study pesticide exposure to young onion pickers

FORT COLLINS, Co. — Colorado State University epidemiologists are studying potential pesticide exposure to young migrant workers in onion fields this fall.

Graduate student Susan Munn and research associate H. William Wheeler of CSU's Institute of Rural Environmental Health interviewed and collected samples from workers under age 16 and their families who hand harvest, clip, top and bag onions each fall in Weld County fields.

"Knowledge is scarce on long-term effects of pesticide exposure amoung adult agricultural workers," Munn explained. "Even less knowledge exists on the extent of pesticide exposure among young workers."

Children and parents were outfitted for two hours daily with thin woven gloves that collected pesticide residues. The gloves, along with urine samples, will be analyzed for pesticide content this winter in a laboratory.

The two researchers also interviewed migrant workers on their personal hygiene practices, hours spent in the field, types of clothing worn and other work practices. They also collected soil, foliage and air samples.

In addition, Munn surveyed onion growers on the amount of yearly spraying they do.

Last year, she collected information on disease occurence among workers through medical records of area health clinics serving both migrants and residents.

She compared incidence of respiratory illness, dermatological disorders, eye diseases and possible pesticide poisoning symptoms among children of migrant farm workers, seasonal farm workers and non-farm workers.

Munn said little information exists on pesticide exposure levels and work practices of migrant children.

Because many migrant families work side-by-side in the field, children make up a large number of Colorado's migrant population. An estimated 40,000 or more migrant workers come to the state each year, working from first planting in May until final harvests in October.

Law permits children under 16 years of age to work in fields. In many states children aged 10 or 11 may work if they are accompanied by adults.

David Martin

(Continued from Page D3)

"Then, I met Eli one day and he asked if those guys were down to see me," David said.

"They've been up to me, Eli said, and they want to buy the farm.

"Money is no problem."

Eli had some more visits. If he wouldn't sell the farm, how about a right-of-way to put in a road. Or how about that swampy ground out back.

"I told Eli that knowing what I know about the mine, there's something else happening here."

That something came a bit later when the owner announced the mine's sale to Enviro-safe, who proposes to put in the hazardous waste dump.

I keep pressing David about what the land means to him. In a word it means everything.

He looks around the table.

"Maybe nothing would happen in my lifetime," he said.

"But what about them?"

"With eight boys, it's already impossible for all of them to farm.

"But what about this land we do have.

"After it's spoiled, it's good for nothing."

One of the Martin sons now farms in Wisconsin. Previously, he rented in Indiana but the owner sold out for a landfill.

With a sip of that cool, clear mountain spring water, we end our dinner table conversation.

"There isn't too many springs around like it," David said.

"There's always more overflow than all three of our farms can use."

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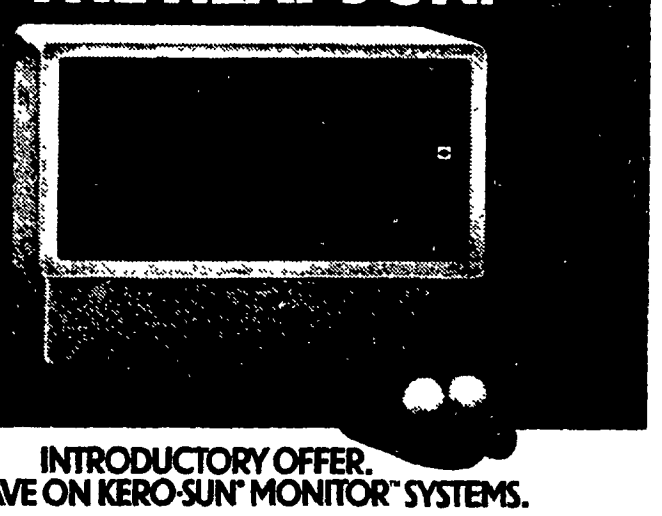

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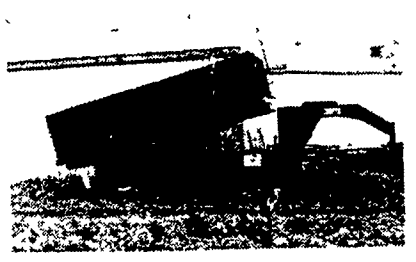

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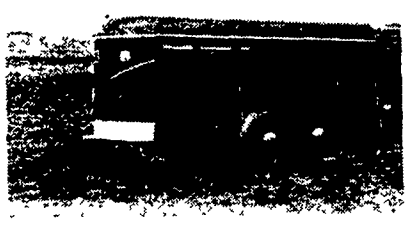

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GOODYEAR

Farm Talk

Jerry Webb

Considering an off-farm job?

All indicators point to 1982 as a difficult financial year for most farmers. A combination of rising production costs and falling crop prices have convinced most farmers that the next few months are going to be tough ones.

For some, this will mean real economic hardship. That includes giving up expensive farm machinery that isn't paid for or, worse yet, farmland with an overdue mortgage. It also may mean belt tightening, stalling creditors and perhaps searching out some new sources of capital for next year's operating expenses.

One solution that may be available to some farmers is off-farm employment. The temptation of a regular paycheck from a nonfarm job can be almost overwhelming in this situation. Why not take a regular job? Maybe give up some rented land and take care of the rest on evenings and weekends.

Judging from the number of part-time farmers and the number of full-time farmers who report off-farm income, this is an important economic consideration. But is it the best answer for a farmer who has just gone through a disastrous crop year but who is otherwise organized to be a full-time farmer?

The experts say that an off-farm job can actually hurt a full-time farming operation. No matter how dedicated, a farmer just can't serve two masters. Having a full-time farming operation, even though it may not be very profitable, a farmer won't be able to do it justice in a part-time situation. On the other hand, a lot of farmers are under-employed in their present farming activities and might be able to work in a seasonal off-farm job or some kind of part-time, off-farm work quite readily.

It's a decision that should be made carefully. If the real intent of an off-farm job is to strengthen the financial status of a farming operation, it may in fact do just the opposite. Sure it will provide that extra income to feed the family and pay some bills during a difficult time. But it will also siphon off much needed time, energy and concentration from the farm business.

So instead of solving a problem, in the long run it may just make it worse. Instead of being ready for next year's crop production, the now part-time farmer is too busy to do things when they should be done, too tired to work at peak efficiency and may also be more accident prone because of the rush of a demanding schedule.

There's another factor that must be dealt with. That is, the economic theory that expenses tend to rise to meet increased income. Suddenly that extra job that was only going to be needed for a little while to pay off some overdue bills becomes a necessity, something that can't be given up. That off-farm money can also lull a farmer into sloppy management, indecision and other bad practices that will keep the farming operation in the red for years to come.

The real test, it would seem to me, for farmers who are contemplating off-farm work would be to ask themselves what do they really want to do. If they yearn for the security of regular employment with the opportunity to do a little farming on weekends, then the answer is obvious. But on the other hand, if their whole heart and soul are in the farm business and if they can honestly say they would rather do that than anything else, then an off-farm job would probably be a mistake.

How could they do justice to their new employment when mentally they've still back on the farm? And on the other side, how can they do the farming job when they must suddenly drop everything, change clothes and roar off to town?

Thinking of the many success stories of agriculture that I read in farm magazines, I'm reminded that many of them started with a small farming operation, supplemented by off-farm income by perhaps both husband and wife. Then as the farming improved, the husband gave up his off-farm job to devote his full attention to this growing business. Then, perhaps a year or so later, the wife gave up her job because the farm required her time and attention.

And usually these successful farm couples say they're glad they did it that way, and that they wouldn't want to go back to off-farm jobs. So they devote their time and energies to doing what they want to do, building a farm business that is profitable and developing a lifestyle that they enjoy.

There may be no choice for some farmers who are really going to be hard-pressed financially. For them, an off-farm job may be a temporary derailment en route to their long-term farming goals. I suppose for some others who will take off-farm employment, it may be the end of their dream.

It's been a difficult farming year and some farmers will pay a heavy price. For some, taking an off-farm job will be a big part of the price. It's a decision that should be weighed carefully entered into only after all of the alternatives have been explored.

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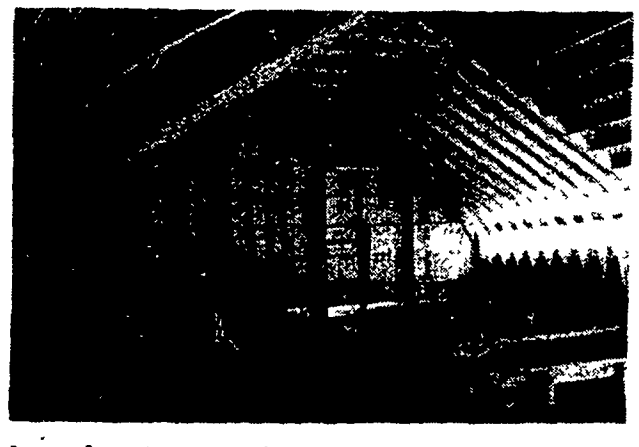

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Fall, time to guard against rodent invasions

LANCASTER — Autumn's chill is a signal to mice and rats to move indoors in search of shelter, food, and water.

Homes, businesses, and farms are vulnerable to rodent invasions and the health hazards that accompany them.

Rats and mice are more than a nuisance; they are dangerous and destructive. They spread disease, spoil food supplies, destroy crops, and damage property. And more than 14,000 persons in the U.S. each year are bitten by rats.

To avoid playing host to these unwanted winter guests, follow a three-pronged approach for effective rodent control: 1. exclusion 2. sanitation 3. control measures.

Exclusion means sealing or blocking all possible entry points to keep mice and rats out. Since mice can squeeze through an opening as small as ¼ inch, buildings should be checked thoroughly from basement to attic. Cracks in foundations, around drain pipes, and voids under porches and outside storage areas should be sealed with cement, brick, metal sheeting, mesh hardware cloth or other appropriate materials. Doors should be tight-fitting and windows equipped with sturdy screens. Because these safeguards can barely-secure a barn, most farmers choose to keep several cats.

Sanitation, which deprives rats and mice of food, water, and shelter needed to survive, includes good housekeeping practices, proper garbage disposal, and proper storage measures.

Garbage should be disposed of in metal containers with tight-fitting lids. Pet food stored in basements and garages should be placed in lidded containers and kept off the floor away from walls. Debris in yards and fallen fruit from trees should be removed to deny rodents harborage and food.

Farm Business News

Hesston to sell European operation

HESSTON, Kan. — Hesston Corporation reported that further erosion of both the farm equipment market and the oil field equipment market resulted in a drop in sales along with an operating loss for the third quarter ending Sept. 30, despite the company's continued effort to reduce costs.

Third-quarter consolidated sales were $56,265,000, with a loss of $3,702,000, or $1.18 per share. This compares with consolidated sales of $71,793,000 and earnings of $1,300,000, or $.30 per share, assuming no dilution, for the third quarter last year.

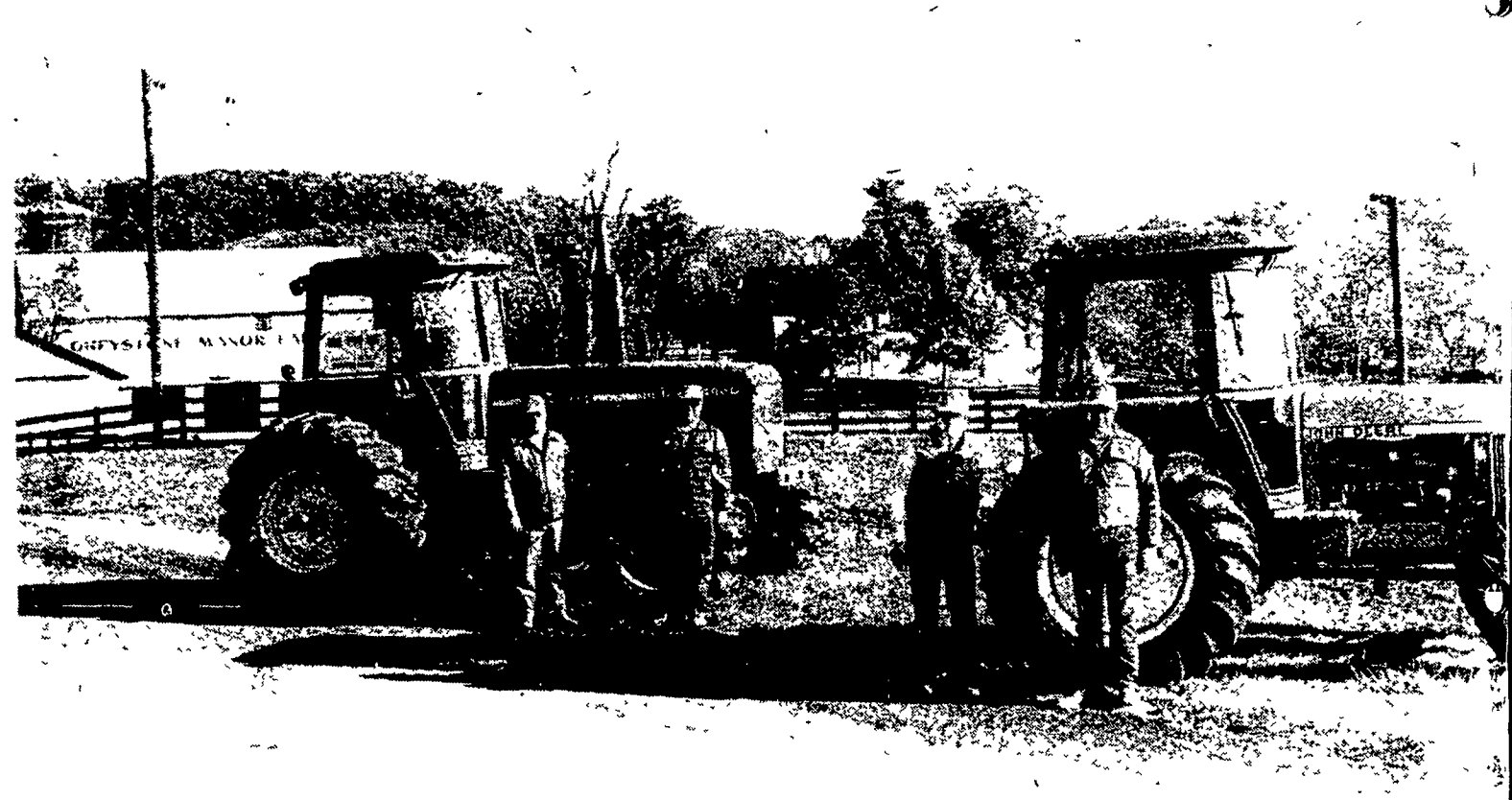
Sales for the first nine months were $206,183,000, with a loss of $2,913,000, or $1.12 per share. Sales for the nine months last year were $233,910,000, with earnings from operations of $4,811,000, or $1.16 per share, assuming no dilution. These 1981 results were bolstered by strong sales in the oil field equipment business.

After including the cumulative effect on prior years of a change in its method of accounting for finance costs incurred by the company on receivables and a change in the method of accounting for tooling charges, the net earnings for the nine-month period last year were $13,401,000, or $3.70 per share, assuming no dilution.

Howard L. Brenneman, president and chief executive officer, reported that the board voted to recommend to the stockholders the sale of stock of Hesston S.A., Hesston's European operation headquartered in France, to Fiat Trattori, S.p.A., Turin, Italy.

"This will further consolidate the relationship between Fiat and Hesston in Europe, since we are already selling our products through the Fiat distribution system in many countries of Europe and the rest of the world. We anticipate a substantial strengthening of the Fiat-Hesston approach to the European market as a result of this transaction," Brenneman said.

Deere holds field demo



The new John Deere "50" series tractors were featured at a field demonstration held at Greystone Manor Farms along Rt. 272 north of Lancaster on Tuesday and Wednesday.

Fourteen tractors were available for ride and drive demonstration, ranging from the 45 HP. Model 2150 to the 190-HP. Model 4850. Other equipment included tillage and forage machines and loaders.

The new "50 series" tractor line features a 15-speed power-shift transmission and caster/action mechanical front wheel drive, according to Gene Walker, Lancaster territory manager for Deere.

Also attending from Deere were Henry Dohner, territory manager; Wally Boston and Charles Dyson, service reps; William Miller, territory rep from Westminster, Md.; Richard Brown, sales rep from the Syracuse Office; and Ed Lebro, of the Credit Department.

Shown in the photo with two of new "50 series" tractors are representatives of Deere dealers, from the left, John G. Rineer, of Landis Bros., Inc., Lancaster; Ammon H. Weaver, of Adamstown Equipment, Inc.; Robert Martin, of A.B.C. Groff, New Holland; and Gary Shotzberger, of Shotzberger's Equipment, of Elm.

A similar demonstration is planned next Tuesday and Wednesday at Cochranville, one-half mile south of the Rt. 10-Rt. 41 intersection.

PPI accepting fellowship applications

ATLANTA, Ga. — The Potash & Phosphate Institute (PPI) is now accepting applications from qualified graduate students in Soil and Plant Science for Fellowships to be awarded next spring. Applications and supporting materials must be submitted by Feb. 1, and announcement of the $2,000 award winners will be made April 1, 1983.

Candidates for either M.S. or Ph.D. degrees are eligible. Priority will be given to students majoring in soil fertility, but those in soil chemistry, horticulture, crop physiology and other areas related to plant nutrition are also eligible.

The application should include a transcript of all college courses including cumulative and final grade point average, and letters of support from three individuals (one of whom is the major professor). Only one award will be made to any one school, but more than one student per school may apply. Fellows are not eligible for reappointment to Fellowships in succeeding years.

The Fellowship Committee consists of five members: Two from the PPI staff and three from the PPI Advisory Council. J. Fielding Reed, President (Retired) of PPI, serves as coordinator of the fellowship program.

"Originality of research, its depth and scope, and innovative approaches are some of the factors evaluated," Reed said. The grants are made directly to the students, independent of other scholarships or assistantships.

Application forms and additional information are available from a staff member of PPI or by writing directly to: Potash & Phosphate Institute, 2801 Buford Hwy., N.E., Suite 401, Atlanta, GA 30329

Anchor cites mastitis treatment

ST. JOSEPH, Mo. — Anchor Laboratories introduces Dry-Mast, a dual antibiotic dry cow treatment for subclinical mastitis.

Dry-Mast combines two powerful antibiotics, procaine penicillin G and dihydrostreptomycin, for proven effectiveness against existing infections caused by Staphylococcus aureus and Streptococcus agalactiae, including penicillin-resistant and penicillin-sensitive strains.

Studies using new, stricter FDA standards determined Dry-Mast's combination of 200,000 IU of penicillin G and 300 mg of dihydrostreptomycin was the most effective minimum concentration dose of the combined antibiotics.

Dry-Mast's dosage assures a shorter milk withholding time only 24 hours after calving when treated six weeks before calving. The product produces no residues in calves born from treated cows, even when calves are fed the colostrum milk. Risk of milk dumping is virtually eliminated. Cows get back into production faster so dairymen gain two to three milkings — to sell as much as 100 lbs. more milk or $13.00 per cow.

Dry-Mast does not require a veterinarian's prescription; it may be purchased through animal health suppliers. To prevent bacteria transfer, Dry-Mast is packaged in single dose disposable syringes to treat individual quarters.

For all details on Dry-Mast, visit your Anchor Animal Health Supplier, or write Anchor Laboratories, 2621 North Belt Highway, St. Joseph, MO 64502.

ABC sampling Stoner bull

LANCASTER — Atlantic Breeders Cooperative has selected Stonerdale Chief Andy-ET to enter their young sire sampling program for 1982. He is one of 50 Holstein bulls to enter the program this year. Bred by Titus B. Stoner, Landisville, the bull will be known as 15H480 Stone.

During sampling, Stone will be randomly mated to approximately 600 Holstein cows through artificial insemination service in herds owned by Atlantic members. He will remain at Lancaster headquarters barns for the next four years as he continues to grow and await evaluation of his progeny. If the results prove satisfactory, Stone will then see extensive service throughout the Cooperative's 13,000-member area and his semen may be marketed to other parts of the world.

The bloodlines in this bull's pedigree are specially selected for Atlantic's breeding program. His sire, Pawnee Farm Arlinda Chief, is scored "Excellent" in body conformation and received the Gold Medal Sire award from the Holstein Association this year.

His dam, Stonerdale Elevation Starla, is classified "Excellent" in the Stoner herd. She has several production records over 21,500 pounds of milk and 750 pounds of fat. Starla's dam is also scored "Excellent" and has several records over 20,000 pounds of milk, 900 pounds of fat and a 4.3% test.

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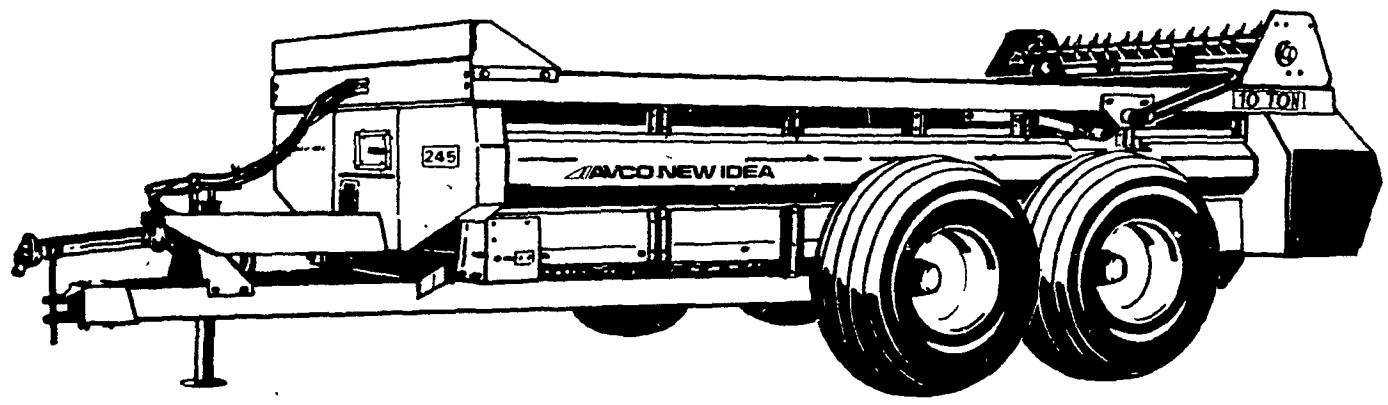

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Nat'l Wheat Growers meet Jan. 12-16

WASHINGTON, D.C. — Registration for participants and exhibitors in the 1983 National Association of Wheat Growers convention (to be held at the Shamrock Hilton Hotel in Houston, Jan. 12-16, 1983) are now being taken. Topics of critical importance will be discussed, including the future of a long term grain agreement with the Soviets, and how to cope with the continued agriculture industry recession through such revolutionary techniques as no-till farming.

Among the sponsors and exhibitors who have already committed to participate are Monsanto, Chevron, Burlington Northern, DuPont, Northrup King, Steiger Tractor, Farm Credit Banks, Union Carbide, American Hoechst, Federal Crop Insurance, and USDA Extension Service, to name a few.

Registration in this years' conference entitles registrants to fully participate in policy formulation, the general program, and the various committee meetings.

A free continental breakfast will be served in the exhibit hall each morning. And tours of the Port of Houston (one of the world's leading grain export facilities) via the excursion boat Sam Houston will be offered to view chemical and grain processing plants located along the Houston Ship Channel.

Since participation in this year's conference is expected to be heavy, interested participants and exhibitors are encouraged to contact the National Association of Wheat Growers immediately for details. Call or write Shirley Harding, Convention & Exposition director, or Jerry Rees, senior vice president, NAWG, 415 Second St., N.E., Suite 300, Washington, D.C. 20002, 202/547-7800.

Nat'l Corn Growers elect officers

DES MOINES, Ia. — The Board of Directors of the National Corn Growers Association concluded their business meetings with the election of officers at the twenty-fourth national convention of the association held in Des Moines, Iowa.

These officers will serve on the NCGA Board of Directors of the organization during the 1982/83 season, and will assume their respective offices on October 1, 1982.

NCGA's President Elect, Jack Parsons of Wapello, Ia., has been farming for approximately 35 years, and is an active member of the American Farm Bureau Federation, an officer of the Iowa Corn Promotion Board, the Iowa Corn Growers Association, and the Executive Committee of the U.S. Feed Grains Council, among other organizations.

John Stevenson, elected as 1st Vice President, farms 3,000 acres with his sister and family in Circleville, Ohio, where he also serves as President of the Ohio Corn Growers Association and participates in the Rural Electric Co-op.

Elwin Poe, who has served for several years as NCGA Secretary,, is a seed corn salesman and owns an 800-acre farm in Holyoke, Colorado. In addition to his involvement in NCGA, Poe serves as President of the Colorado Corn Growers Association.

The NCGA Treasurer, Drew Stabler, has served in that capacity for several years. STabler farms 2,500 acres with his brother in Gaithersburg, Maryland, and serves on the Agricultural Land Preservation Board of Montgomery County. In addition, he is a member and past officer of the Maryland Grain Producer's Association.

Winter meeting schedule for Del. farmers

NEWARK, DEL. — Dates have been set for the major crop, livestock and marketing meetings to be held for Delaware farmers this winter. For further details contact Extension offices in Newark 302-738-2506, Dover 302-736-1448 and Georgetown 302-856-5250.

November 16 - Peninsula Horticultural Society, Nursery and Greenhouse Meeting, Wicomico Youth and Civic Center, Salisbury, MD

23 - Irrigation Conference, Sheraton Inn, Dover, DE

December 3 - Grain Marketing Workshop, University of Delaware Substation, Georgetown, DE

9 - Peninsula Horticultural Society, Vegetable Production Meeting, Wicomico Youth and Civic Center, Salisbury, MD

10 - Sussex County Crops Meeting, University of Delaware Substation, Georgetown, DE

13 - Kent County Crops Meeting, Felton Fire Hall, Felton, DE

16 - Mid-Atlantic No-Till Conference, York Interstate Fairgrounds, York, PA

17 - New Castle-Kent Counties Crops Meeting, Clayton Fire Hall, Clayton, DE

January 12 - Swine Marketing Workshop, University of Delaware Substation, Georgetown, DE

13-14 - Delaware Vegetable Growers Meeting, Sheraton Inn, Dover, DE

20 - Delmarva Pork Congress, Wicomico Yough and Civic Center, Salisbury, MD

February 3 - Delmarva Corn and Soybean Technology Conference, Wicomico Youth and Civic Center, Salisbury, MD

22-23 - First Mid-Atlantic Roadside Marketing Conference, Host Farm, Lancaster, PA

23 - 1983 Delmarva Dairy and Livestock Seminar, Sheraton Inn, Dover, De

March 2 - 1982 Delmarva Dairy and Livestock Seminar, Sheraton Inn, Dover, DE

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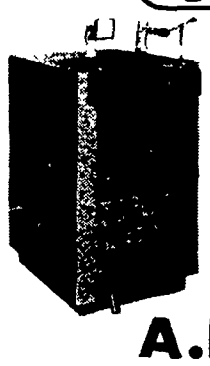

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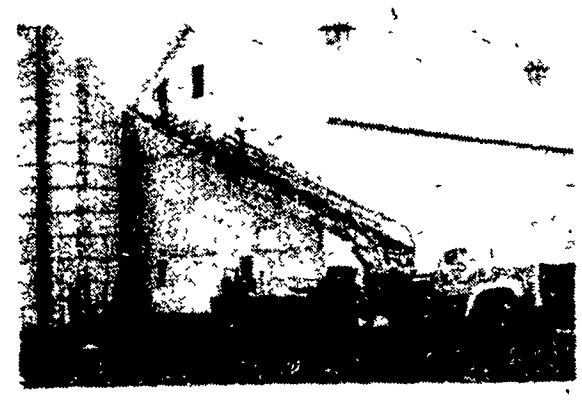

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Jacques harvests corn test plots

Jacques Seeds has begun the harvest of its corn test plots and comparing yield results among its own and with other varieties.

Photo shows harvest at test plot along Wartluft Road at R2 Myerstown, Lebanon County.

In foreground with ear of Jacques 8220 is Mae Frohm, R2 Cochranville, supervisor for Chester County. In background at the combine header are Marty Weaver, left, supervisor, Lebanon County; and Ron Frohm, District Sales Manager for Jacques. On the platform of the MF 510 is Carl Zimmerman, who shelled the test plots.

The Jacques 8220, a 115-day variety, yielded 180 bushels in the test. Smiliar harvesting took place on the Tim and Marvin Hoober farm in the New Holland area on Oct. 19 and was scheduled on the George Schaeffer farm at Bernville, Berks County, this week.

In all, 20 test plots will be cut and compared in the next few weeks by Jacques personnel, according to Frohm. The comparisons include corn, alfalfa and soybean plots.

While farming is traditionally a family affair, agribusiness can be, too.

"The harvesting permits my wife and I to be together while we cut and compare the different varieties," Frohm explained.

And the cutting in Lebanon County last Thursday took place in typical shelling weather. Heavy clouds in the sky painted a picture of the approaching winter and the whipping, cold wind reinforced that picture.

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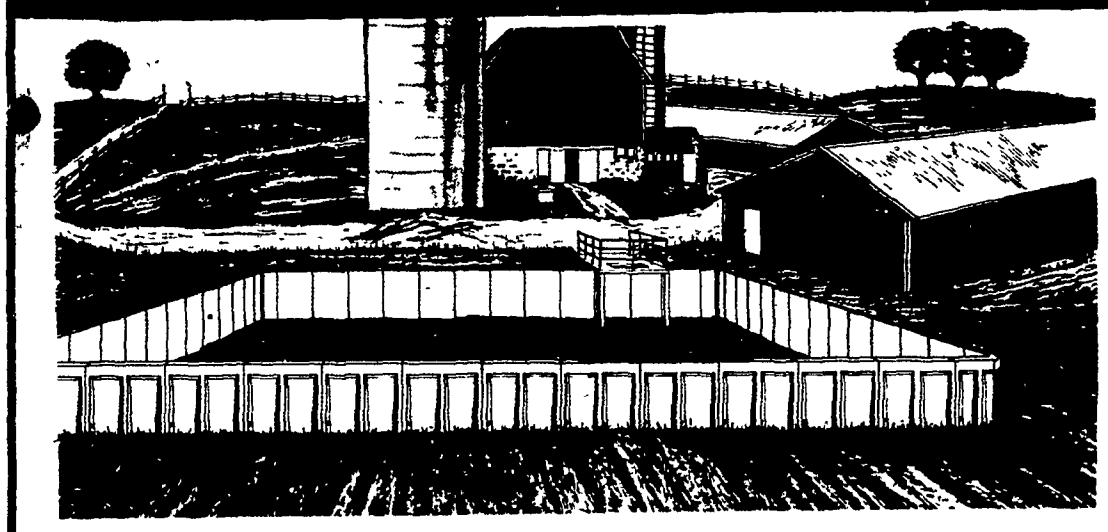

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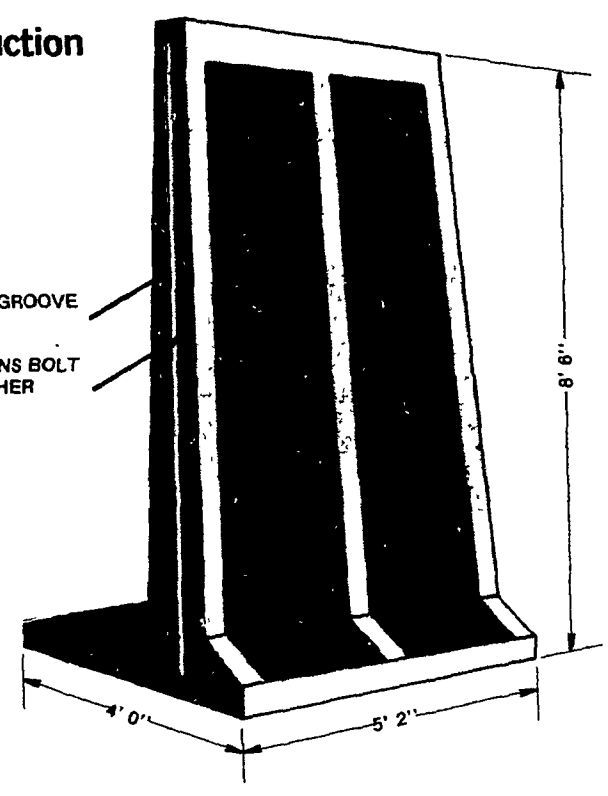

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The sections may be dismantled and relocated. Customers may select any length or width in 5'2" increments.

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Hershey makes the most of rainy days

COCHRANVILLE — For all farmers, the weather is a key factor in maintaining productivity. The right blend of sunshine and rain can offer an optimum climate for nearly everthing — including a political campaign.

"The weather has been just great for blending the two together," says first-time office seeker Arthur D. Hershey.

The Chester County dairyman admits one of his goals was the office of Pennsylvania Farmers Association state vice president. Instead, the 44-year-old Hershey detoured to candidacy for a seat in the state House of Representatives.

In his quest to represent the 13th District, which includes 21 townships and 4 boroughs, Hershey says he has taken advantage of rainy weather by hitting the campaign route.

This year, Chester County is celebrating its 300th year and Art and wife Joyce have traveled to nearly all the tricentennial celebrations.

Meeting with a mixure of city and country folk, Art says he found people receptive to the idea of a farmer-politician.

"People realize the commitment that farming takes," he says. "Most have asked me how am I going to have the time."

Joyce and Art Hershey have found that this summer's on-again-off-again rainy season has allowed them to blend a political campaign with the daily rigors of dairy farming. Art is is seeking a seat the State House of Representatives for the 13th District.

Ar-Joy Holstein Farm, home of the Arthur D. Hersheys, includes 400 acres of Chester County farmland and supports 100 head of registered Holsteins. An adjoining farm feeds out 2,000 hogs annually.

Art and Joyce have been farming since 1959 and now are looking toward the next generation of Hersheys to give them that extra time in their public service endeavor.

"Both of my boys want to farm and I want to give them an opportunity to enter into it. I'd like to slowly phase out of the physical part," Art explains. Eventually, Hershey says he hopes to create a three-way partnership with sons Duane, 21, who currently farms with Hershey and is this year's recipient of FFA's highest honor the American Farmer Degree and Bradley, 19 a sophmore at Delaware Valley College.

Two other Hershey children include Beverly, 23, married to Barry Goodling and resides at Messiah College and Julie 12, a student at Octorara School.

Currently, the Hersheys milk about 55 head of registered Holsteins at Ar-Joy Farm. Hershey, who favored the 10-cent state promotion program, says he is always interested in upgrading agriculture markets. And like most dairy farmers, does not view the pending 50-cent national assessment as a solution.

"I'm afraid we've stumbled over ten cents to get fifty cents," he adds. A base or quota system, he says, may help, instead.

"You just don't double your herd until you have a market for it."

Hershey's 400-acre farm also maintains a large hog finishing operation. Both he and Joyce are members of Hybred Pork, Inc, a 500-sow operation which supplies the Hersheys with about 2,000 feeder pigs annually.

When the Hersheys entered the hog business a decade ago, Art recalls buying his feeders from individuals and auctions. Consequently, Art was never assured of backgrouds which adequately protected the pigs from disease.

However, with the formation of Hybred Pork, a 10-member corporation, the Hersheys draw their pigs from the same source and are assured of a healthy background.

"Now the mortality rate is way down. We know what protection the pigs have," he says, now that he and Joyce can operate their feeder operation with greater peace of mind.

Although he can be certain of healthy hog operation, Art admits that a lot of uncertainty prevails in modern day agriculture.

"Since the grain embargo, a lot of countries have lost faith in our ability to deliver grain," he says. Hershey adds that today's agriculture is punctuated by highs and lows and personally would like to see more stability.

He says that most people, irregardless of farm or non-farm issues, want to see an open, honest government and lauds one of his party members.

"I think Governor Thornburgh is a leader in that," he says.

No stranger to Harrisburg or legislative duties, Hershey has been a student of local, state, national and international government through his travels. From his travels abroad, Hershey says he has a strong desire to preserve the free enterprise system indicative to the United States.

"I'm discouraged by the attitude that all the good in this country is to be shared whether you work for it or not.

"I'm not seeking to have a road or school named after me, I just want to contribute to the system that was good to me," he adds.

A member of several political campaigns, the Holstein breeder has served as past president of his county's PFA contingent.

The first-time candidate recalls that most of his spare time at the start of his campaign was spent on the phone rallying support.

He expressed concern, however, at the small number of actual registered voters.

"I am dismayed over the few number of people that take part in the election process," Hershey admits. Out of 60,000 residents in legislative district 13, less than 20,000 are registered voters, Hershey explains.

Together, he and Joyce carried registration cards while campaigning and signed more than 100 prospective voters.

Next week, Art and Joyce Hershey will know for sure if their time was well spent.

Aamodts answer 'call of the country'

COATESVILLE — The seemingly serene, healthy atmosphere of country living has beckoned more than a few urban dwellers.

When Norman and Marjorie Aamodt left their northern New Jersey roots and settled in the rolling Chester County countryside 20 years ago, farm life acquired yet another family.

The empty barn and ample fields soon welcomed the start of the Aamodts' Snowhill Farm Angus herd. The beef herd was to provide a supplementary income to Norman's position as marketing manager for Avisun, a Sun Oil subsidiary.

"We bought five heifers and a nice young bull," Norman recalls. "But then we went to production sales, bought more and off we went."

In addition to their growing cow-calf enterprise, the Aamodts invested in feeder steers and soon began to understand the price of country living. They purchased the steers for $180 a head, fattened them and sold them for a disappointing $220, Marjorie explains.

"We assumed that when you worked hard and had a good product, you made money," Marjorie admits she has since learned better.

But the Aamodts presevered and continue to operate the farm with one basic philosophy — no chemicals.

"I'm concerned about herbicides and pesticides," Norman says. "They have a deleterious effect on the balance of nature."

Consequently, farming without chemicals became the trademark of Snowhill Farm. The Chester County family, dismayed at small profits in existing markets, plunged into a frozen beef direct marketing endeavor.

For more than a decade, Norman, Marjorie and their three children Norman, Jr., Susan and Jason, supplied customers with their organically-raised beef.

"We told customers our beef was raised with no pesticides, herbicides or growth stimulants," Norman recalls.

The family station wagon, laden with frozen beef, dry ice and blankets, constantly traveled to bus depots, train stations and airports. The Aamodts' customers, who lived as far away as the Virgin

(Turn to Page D12)

Norman Aamodt, candidate for state senator in the 97th District, and wife Majorie, a psychologist, share a moment together on their Chester County farm. The New Jersey natives began an Angus cow-calf and feeder steer operation on their Snowhill farm in the early 1960s. Today, the family has leased most of the land but still maintains a small herd of crossbred steers.

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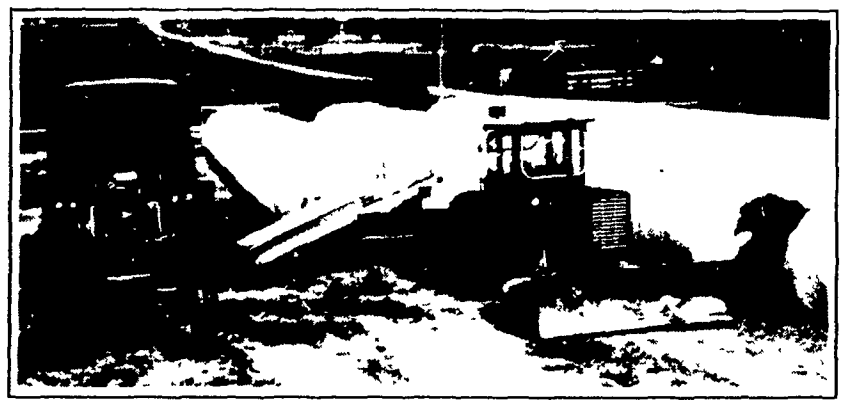

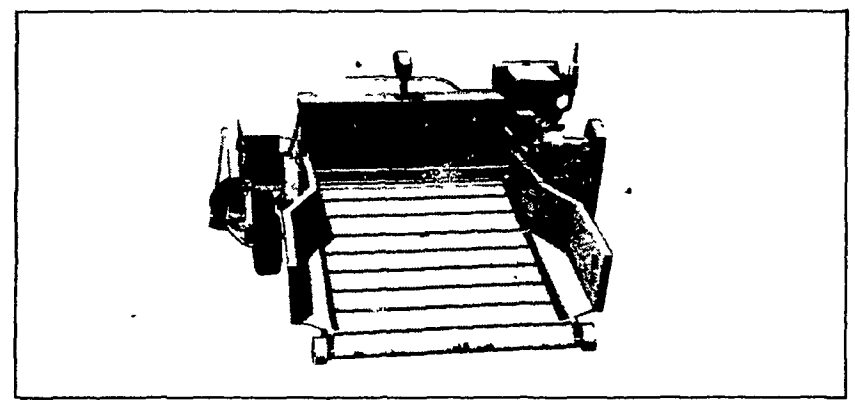

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Don Carter of Parkdale, Oregon

"The best move I ever made".. says Don Carter in reference to his switch to bagging silage on his dairy near Parkdale, Oregon.

"I get 18% more feed from the same acreage and the feed lasts three times as long. I used to clean my bunks after three days, now I only need to clean them after 10 days."

Roland Rasmussen of Blair, Nebraska

"In addition to everything else, it's a management tool"... says rancher, Roland Rasmussen of Blair, Nebraska.

Roland farms 350 acres west of Blair, Nebraska, and fattens about 650 cattle from 600 lbs to finish.

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Bert Anderson of Sceptre, Saskatchewan

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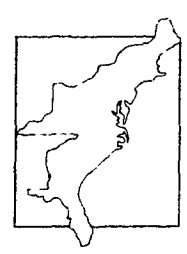

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Aamodts answer

(Continued from Page D10)

Islands and Colorado, were willing to pay a premium for the product, Marjorie adds.

It was a rewarding time, Marjorie remembers. The family's two Jersey cows, which Norman hand-milked, supplied them with all their dairy needs.

"It felt good to sit at the dinner table and know that everything there was homegrown," Marjorie adds.

Snowhill Farm's reputation with non-chemical farming reached national ears during President Carter's administration when U.S. Agriculture Secretary Robert Bergland selected Aamodt's farm for a special soil study.

"We never had a serious insect problem," Norman offers. Once, when the family put in a crop of potatoes, a population of potato weevils threatened the field. Rather than pull out the pesticides, Marjorie encouraged the family to have faith that "something would happen."

Then the ladybugs moved in.

"We had a battle in the field," Norman recalls. Eventually, the natural balance triumphed as the ladybugs protected the Aamodts' crop.

Aamodt admits, however, that because of economics today, farmers can't afford to not spray crops.

While farming his very, rocky ground one day, Norman encountered a large rock, which he thought was impossible to remove. However, he tackled the problem and eventually removed the monstrosity. Stone-picking, a tedious, unglamorous task on all farms, proved to Norman that a near impossible task can be accomplished with perseverence.

"If it's there you can do it. And that's the reason we got into this crazy political ring," he explains.

The "ring" is the 97th State Senatorial District in which Norman is vying for a Senate seat.

His concern for the environment is mirrored in many of the issues facing his district. Aamodt's territory appears to be at the hub of several proposed and existing hazardous waste sites.

"A lot of people in this area are concerned about these issues," he adds.

Energy issues figure prominantly in Aamodt's campaign, as well. A mechanical engineer, Aamodt offers ideas on reducing the grain surplus while adding to the nation's energy sources.

A bushel of corn, says Aamodt, can produce four to five gallons of alcohol. The meal that is left from the process lacks only starch and retains all the protein, fiber and other nutrients.

"Any oil burner in the U.S. will run fine on alcohol," he says.

During the grain embargo of the late 1970s, Aamodt calculated that fuel produced from all the grain that sat idle on U.S. docks could have run all the automobiles in the country for six months.

"Let the American genius for production get busy to develop a procedure to make alcohol effectively from corn," he challenges.

"If we had that second market, we'd never see cheap corn again."

Aamodt looks for less government intervention in future markets for agriculture.

"Government intervention has so distorted the market that the balance of supply and demand does not exist," he says.

One way to preserve prime farmland, says Aamodt, is to assure the farmers of a profitable livelihood.

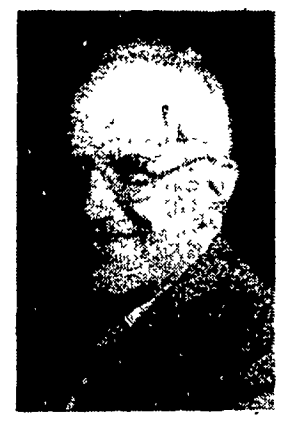
York pesticide update meeting

YORK — There will be pesticide license update training meetings on Nov. 4 at 1 p.m. and 7 p.m. held by the York Cooperative Extension Service. The meetings will be held in the County Departments Building at the Pleasant Acres Complex.

If your license expired in 1981 or on Sept. 30, 1982, you must attend one of these sessions or a winter crop meeting to have your license updated. Contact the Extension office if you have any questions, telephone 717/757-9657.

The Milk Check

TOM JURCHAK
County Agent



Record High

The final figures are in for Commodity Credit Corporation purchases of dairy products during the marketing year which ended on September 30. As expected, they showed record high purchases equivalent to 13.5 billion pounds of milk that was 9.2 percent higher than last year.

Cheese purchases of 610 million pounds were up nearly 18 percent, also a record high. Butter at 379 million pounds was up 6.2 percent and 949 million pounds of powder was up 20 percent over last year.

Uncommitted inventories included over 400 million pounds of butter compared to 217 at this time last year. There were more than 800 million pounds of cheese this year and 550 million last year. Powder stocks hit 1.2 billion pounds and last year there were 800 million pounds.

Milk production figures just released show a two percent increase nationally in the third quarter over last year. Increasing cow numbers and replacements (now more than 43 per 100 cows) as well as improving milk price-feed price ratios still are providing the momentum for higher production next year.

Implementing the new price support program will, in the opinon of many, only add fuel to the fire of higher production and CCC purchases. A lot depends on what happens in the next two months.

September Pool

Another record high was the 867 million pounds of milk shipped to Order 2 handlers in September. At least it was a record for the month in that Order. The blend price, however, increased from August by 15 cents going from $13.59 to $13.74 for 3.5 milk at the 201-210 mile zone. Half the increase came from a nine percent or one million pounds a day increase in Class 1 sales because schools were open and half from a nine cent jump in your Louisville Plan pay back from 36 cents in August to 44.7 cents in September.

In spite of all that improvement, the price was still nine cents lower than last year reflecting an 11 cent drop in the Minnesota-Wisconsin price during the past year and a Class I utilization 1.5 percent less this year because of the higher production.

More Giveaways

If you feel the 50 cent assessment on your milk was postponed until after the elections because of political reasons how do you explain the delay in cheese and butter giveaways until after the election?

Right now it appears that 120 million pounds of cheese and 50 million pounds of butter from CCC stocks will be distributed the second week of November — the week after elections.

Maybe it's because unemployment has become an important campaign issue and someone may make a comparison between the bread lines of the 1930s and the cheese lines of the 1980s. If so, the American farmer can take credit for a tremendous improvement in the national diet.

What do you think?

Tethered sows under no more stress

SOUTH ST. PAUL, Mn. — A preliminary report on animal welfare research indicates tethered sows are under no more stress than sows in pens, according to the Livestock Conservation Institute's October newsletter.

The study, at the U.S. Meat Animal Research Center at Clay Center, Nebraska, measured levels of the blood hormone cortisol, which is believed to be correlated with stress.

The research indicates after an adjustment period of 36-48 hours, corisol levels in tethered sows had returned to normal, LCI reports.

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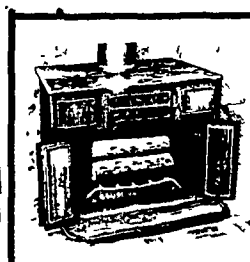

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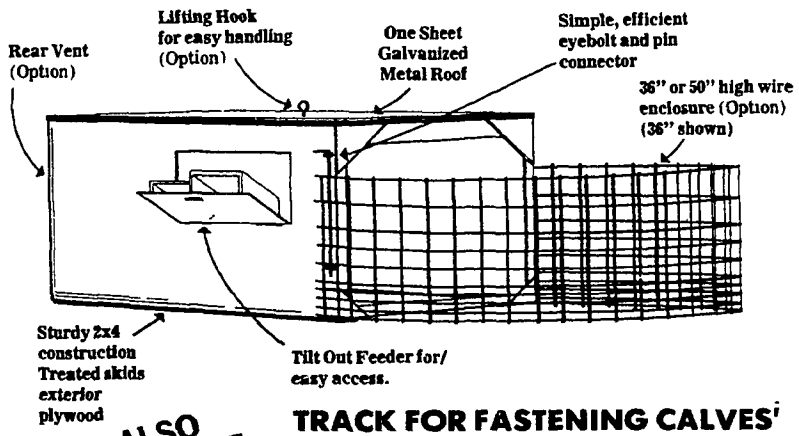
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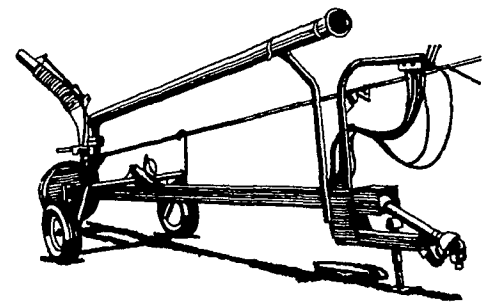

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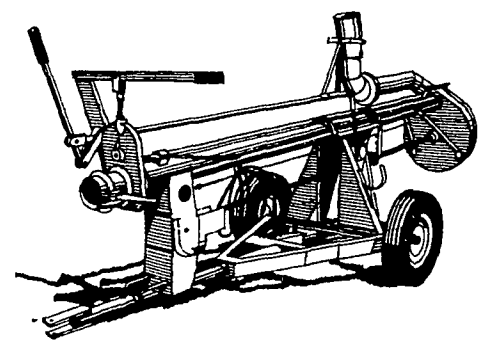

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Del. farmers ponder vegetable opportunities

NEWARK, Del. — Depressed over current grain prices, some Delaware farmers are considering shifting part of their corn and soybean acreage to vegetables next year in the hope of realizing a better return.

"At the moment," says University of Delaware Extension vegetable specialist Ed Kee, "vegetable production could compare favorably with grain production as a farm enterprise." While grain farmers eye this option, existing produce growers are thinking of expanding after a profitable season.

Such changes call for careful planning in the months ahead, says Kee. He says the following review of Delaware's 1982 fruit and vegetable season can help farmers make wise cropping decisions.

The state's four major processing crops — peas, snap beans, lima beans, and sweet corn — all reached profitable yields in spite of some problems. Early peas were hurt by cool weather and wind. Recent dry weather is taking its toll of farm limas and snap beans. Delaware farmers grew 7,800 acres of peas and 4,100 acres of processing sweet corn this year. The state has a long tradition of lima bean and snap bean production. Over 10,000 acres of limas and between 3,000 and 4,000 acres of snap beans were grown.

Processing tomato acreage took a big leap this year in response to strong demand for tomato products and a nationwide inventory reduction. Strong grower interest in alternative crops to corn and soybeans in the wake of depressed grain prices also influenced the decision to grow more tomatoes in the state this summer.

Kee says local growers have been getting yields in the 17- to 25-ton per acre range, which provides a profitable return. Harvest will continue until frost. Early reports from California — the nation's major tomato region — indicate that weather and other factors should prevent an oversupply from that state. This is welcome news for Delmarve processors and growers since it means prices are likely to remain good, Kee says.

On the fresh market side, potato prices dropped this year after two good price years. For most of the harvest season, prices hovered around $4 a hundredweight, dipping even lower at times. Large carry-over potato stocks in Canada, a late harvest in eastern shore Virginia, and large supplies form midwestern states like Michigan and Wisconsin all hleped depress prices.

Many roadside markets and pick-your-own operations have reported a successful year, Kee says. The one bad note was a string of wet, rainy weekends during strawberry season. This affected yields and kept customers away.

Delaware watermelons and cantaloupes brought favorable prices most of the summer. Most watermelons sold for between four and five cents a pound, though both higher and lower prices were seen. Kee says yields were about average as growers fought disease pressure which increased with warm, humid weather. Hail reduced yields at some locations.

Cucumber prices started low but picked up as volume decreased with warm weather. At times during the summer he says cukes became a "hot item."

"There are definitely opportunities for growers in both fresh market and processing vegetables," Kee says. But he cautions that vegetable production is demanding and requires more intensive management than some other farm enterprises. Production costs are generally higher than for grain, too.

"Any farmer considering growing a vegetable crop should think about irrigation, pest control, labor and — in the case of fresh market crops — packaging needs," he says. Fresh market growers must strive to maintain a consistent supply of quality produce and make sure they have buyers for it. Markets should be cultivated throughout the year, not just when a crop is near harvest.

The Delaware Cooperative Extension Service offers several publications that may be useful to farmers considering vegetables for 1983:

* Commercial Vegetable Production Recommendations
* The Delmarva Vegetable Marketing Guide
* Delaware Vegetable Production Costs
* Growing Tomatoes for Mechanical Harvest
* Drip Irrigation Systems for Delaware Vegetable Growers

Copies of these and other publications are available at county extension offices in Newark, Dover and Georgetown.

Kee also urges growers and potential growers to attend the fifth annual Delaware Vegetable growers' meeting on Jan. 13 and 14, 1983, at the Sheraton Inn, Dover.

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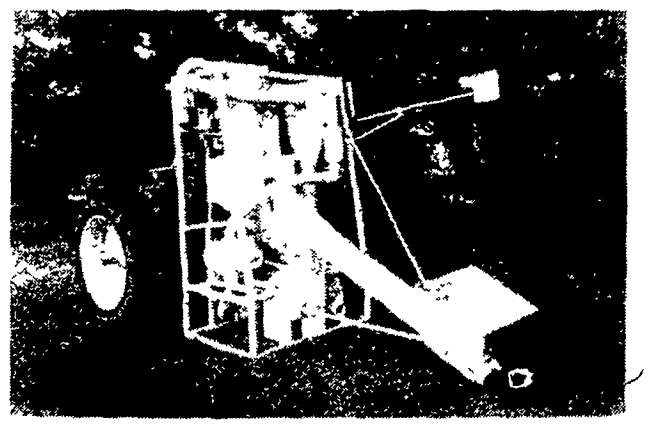

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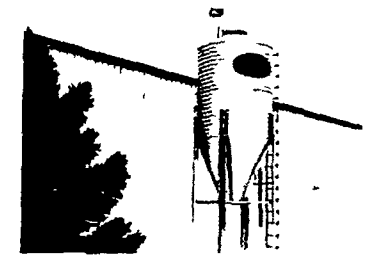

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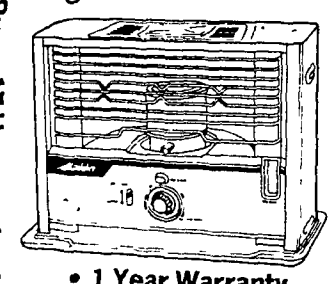

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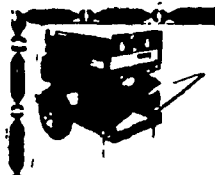

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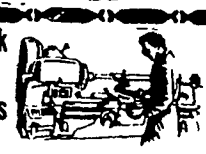

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At PFA '83 Marketing Outlook

Good, bad, old and new news surface

By M. Eileen Graham

ARENDTSVILLE — There was good news, bad news, old news and new news for farmers who attended the 1984 Market Outlook Conference sponsored by PACMA, the marketing cooperative of the Pennsylvania Farmers Association last Tuesday evening here at South Mountain Fairgrounds.

Prospects for farm profits in the coming year were addressed by a panel of the experts in livestock, poultry, dairy products, field crops, fruits and vegetables, and agricultural finance; and opening remarks were made by Pennsylvania Secretary of Agriculture, Penrose Hallowell, along with PFA president Keith Eckel and Guy Donaldson, president of PACMA.

Lou Moore, agriculture economist at Penn State, gave out the good news that hog prices are expected to stay at $60 per hundred weight and that producers will continue to make money into 1983.

The surprising thing, he said, is that expansion is not indicated in the current hog report. Whether farmers can't get money for expansion at today's high interest rates, or are afraid to expand in what they see as a dubious economy, is uncertain, he said. "The big unknown is consumer demand." That is the factor which will determine the price of livestock, he noted.

Numbers of beef cattle are down from last year and there should be no flooding of the beef market as there was a year ago. Steers will range from $64 to $68 per hundred weight.

Both beef and pork prices at the retail level have been fairly high, holding the demand, Moore stated, "Consumers have the money. . . but they aren't spending it at the time because of deep concerns about the economy."

The outlook for pork is very good, he said, adding that beef prospects will improve next year and "both will be looking better than they did at any time since 1979."

Grain farmers got the bad news from John Sutton, president of Lovatt & Co., Inc., that they are doing their job too well.

"We've got too much," he said, urging them to reduce plantings and look at other grains as alternatives to the corn, wheat and bean cycle.

"You are producing yourselves right out of business," Sutton exclaimed, noting that high interest rates and subsidization by the European Common Market haven't helped farmers' plights.

Sutton discussed the American farmers' liabilities in the politics of food, noting that presidential grain embargoes to foreign nations have turned the American farmer into a "source of last resort," with other nations picking up our markets. "If we don't like what they're doing . . . we're just going to cut them off," he said.

Profits in wheat will depend on how much is planted this fall, he said. "If you don't plant as much, you could get a 50-cent to $1 (per bushel) increase."

Because of the three billion bushels of corn expected to be carried over this year, the outlook for that crop seems dim, even though some will be sold to the Russians.

Sutton recommended Pennsylvania farmers truck their corn to the eastern shore area of the Delmarva Peninsula where railway supply is not available and an added 25-cent-per-bushel premium can be expected.

Soybeans are forecast to sell below loan level at above $5.60 to $5.65 per bushel, barring a failure of the South American crop, he noted. He closed, saying, all major grain crops will be selling below production costs unless sold at peak times.

The outlook for the egg industry is mixed, according to Al Schwartz, editor of Poultry Times magazine. Low feed prices are good for poultrymen, he said, and noted predictions that egg prices for the last three months of this year will be 77 cents per dozen (Urner-Barry Index).

Broiler production will be up and prices should increase about three cents per pound, Schwartz said, predicting a good year as well for turkey producers who will benefit from last year's cutback.

There is a trend toward regional marketing like that of the New England brown egg producers who promote their market with emphasis on local eggs, he added.

The good news for poultrymen is that predictions for the end of the decade show per capita consumption of poultry will be as great as beef, he said.

The dairy outlook for 1983 from American Farm Bureau dairy specialist Hollis Hatfield was neither good nor new news. The problem again is surplus, with the increase in cow numbers and an increase in production per cow at the center of it.

Whole and skim milk sales will continue to decline, Hatfield said, with strength shown only in the 2-percent product. With the ongoing controversy over the milk price support program and the questionable future of the 50-cent deduction legislation, the future seems grim.

"What's got to be done is to curb production and 50 cents won't do it," Hatfield said later. "We have about one million cows too many." Right now there is a national 13.6 billion pound milk equivalent surplus, he noted.

"The dairy surplus is a national problem and will be solved only from a national basis," he stated, urging regions to stop attacking each other.

Darvin Boyd, vice president of Agricultural Finance at Hamilton Bank gave farmers an encouraging financial outlook.

Although he did not predict specific interest rates, Boyd said the prime rates will probably range from nine to 14 percent and will probably remain fairly high relative to the rate of inflation.

The good news is that there is little chance of a significant acceleration of inflation, he said, lauding the current administration's monetary policy and its success at controlling inflation.

George Perry, Schuylkill County horticulture agent, noted tomatoes have a good future in Pennsylvania, that cantaloupes and cauliflower are on the increase as cash crops, and that horseradish will be a new crop for processing.

"Find out what the public wants, whether it be the housewife or the buyer in the city. Plant what they want, not what you like," he advised.

Boyd Cook of Dairymen, Inc. also gave a presentation on ultra-high temperature milk, a new product marketed by a Savannah, Georgia plant as "Super Milk."

After special processing, the milk is hermetically sealed in paper containers similar to those recently used by the fruit drink industry.

The conference was moderated by Keith W. Eckel, PFA president.

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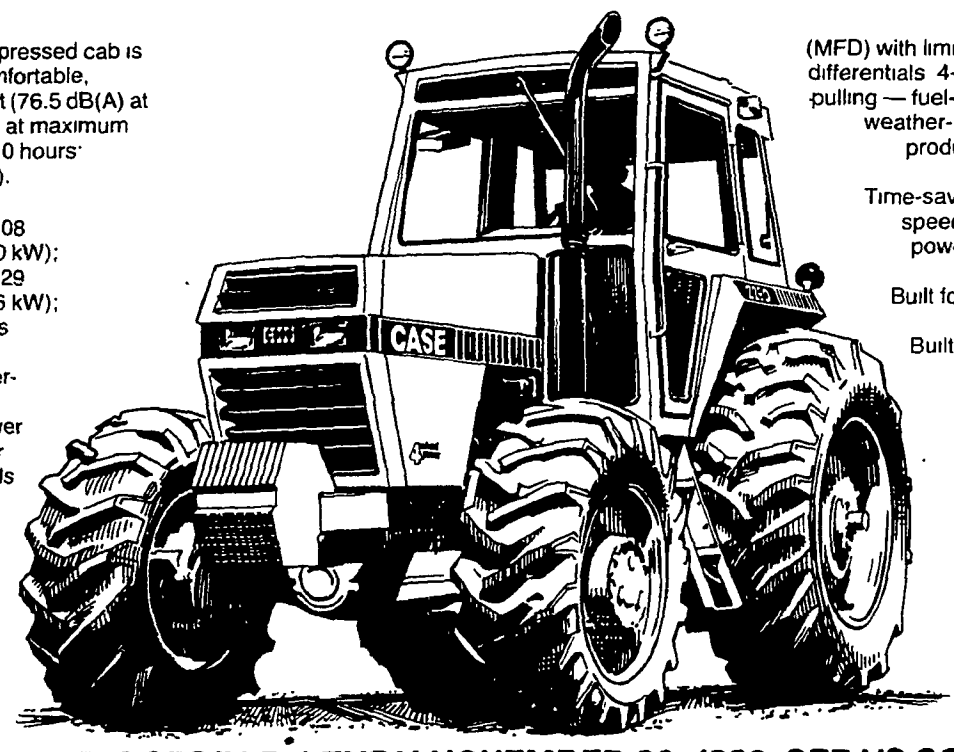

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Lancaster County DHIA Monthly Report

dhia
Pennsylvania Dairy Herd Improvement Association

September 1982

A Registered Holstein cows owned by Meadow Vista Farm, R. #1, Bainbridge, completed the highest 305 day lactation Hazel produced 28,178 lbs of milk, 1,228 lbs. of butterfat with a 4.4% test. Second high lactation was completed by a Registered Holstein cow owned by Nelson H Wenger, R #6, Manheim. Della produced 26,145 lbs. of milk, 1,139 lbs of butterfat with a 4.4% test in 305 days

First 305 days of lactation with 750 or more lbs of butterfat

OWNER NAME OR NO.	BRD	AGE	DAYS IN MILK	LBS. MILK	% FAT	LBS. FAT
Meadow Vista Farm						
Hazel	RH	7-1	305	28,178	4 4	1228
Cindy	RH	6-4	305	24,080	3 8	904
Surprise	RH	5-0	305	19,856	4.1	821
Darlene	RH	4-10	305	23,437	3 4	788
Nancy	RH	6-0	305	18,902	4 0	763
Nelson H. Wenger						
Della	RH	9-11	305	26,145	4 4	1139
Vodka	RH	3-3	305	19,273	4 8	928
Whisper	RH	4-6	305	18,212	5 0	917
Faith	RH	4-9	305	18,004	5 1	913
Popcorn	RH	5-11	305	27,254	3 2	869
Ada	RH	4-11	269	17,812	4 5	803
Iris	RH	8-8	305	20,204	3 8	765
Cyndi	RH	4-7	305	21,468	3 5	751
John K Peters						
Judy	GrH	6-0	305	27,816	4 0	1109
Maxine	RH	8-3	305	24,249	4 0	963
Tiger	RH	5-2	305	21,992	4 3	945
Ruby	GrH	7-2	305	22,246	3 5	784
Pioneer	RH	3-10	299	20,487	3.8	772
Paula	RH	7-2	305	23,998	3.1	750
Christian Zook						
Dixie	RH	6-1	305	30,401	3 6	1105
Flopsy	RH	5-3	295	25,832	3.8	969
Paul D. Welk						
Sara	RH	9-2	305	26,894	4 0	1080
Pansy	RH	8-9	305	27,656	3 7	1014
Dee	RH	5-11	305	25,904	3 8	980
Monica	RH	4-4	305	22,129	4 4	969
Sherry	RH	2-4	305	17,759	4 8	856
Lady	RH	6-8	305	23,370	3 6	833
Lorreta	RH	4-0	305	20,697	3 9	817
Lena	RH	3-2	305	17,188	4.6	795
Starle	RH	3-2	305	20,471	3 8	788
Mary	RH	5-7	305	20,004	3 9	774
Natalie	RH	2-4	305	18,866	4 0	755
Bonnie	RH	2-5	305	23,044	3.3	754
J. Harold Fritz						
23	GrH	7-9	305	26,896	4 0	1065
231	GrH	7-1	305	19,490	4 5	874
87	RH	4-7	305	26,583	3 2	840
80	GrH	7-3	305	21,415	3.9	837
66	RH	3-11	305	24,800	3 3	824
Glenn E. Burkholder						
Ellen	GrH	5-5	305	28,493	3 7	1051
Earl Smoker						
Eva	GrH	6-5	305	23,164	4 5	1044
Peggy	RH	5-0	305	23,834	3 5	841
Mattie	RH	4-4	305	20,829	3.7	780
Gloria	RH	4-0	305	21,650	3 5	765
Jacob S. Dienner						
Jenny 2	RH	4-4	305	25,724	4 0	1027
Louise	RH	3-0	305	22,748	3 8	872
Beth	RH	4-7	305	24,442	3 5	859
Sylvia	RH	4-7	305	24,239	3 3	795
Mabel	RH	6-9	282	26,009	2 9	761
Samuel M Martin Jr						
Trix	GrH	5-3	305	24,719	4 1	1021
12	GrH	3-6	305	25,138	3 1	787
Glenda	GrH	4-1	305	22,507	3 4	764
Donald B Trimble						
Alanna	RBrSw	4-1	305	22,607	4 5	1020
Robert H Kauffman						
Barbie	RH	8-9	305	21,317	4 8	1015
Cathy	RH	5-8	301	26,436	3 3	882
Bebe	RH	6-9	268	20,441	3 8	771
Debbie	RH	7-9	305	22,795	3 4	769
Robert Martin						
51	GrH	5-8	305	22,686	4 4	1003
32	GrH	8-2	305	23,926	3 5	844
31	GrH	3-3	305	22,991	3 3	764
Dan S Stoltzfus						
Susn 127	RH	4-9	305	25,199	4 0	998
Nelson W. Nolt						
58	RH	4-4	305	24,324	4 1	995
10	RH	10-8	305	26,005	3 6	936
46	RH	6-9	305	21,741	4 0	874
56	RH	11-1	305	18,627	4 5	835
49	RH	5-10	305	26,248	3 2	832
9	RH	8-1	305	25,549	3 2	822
48	RH	7-0	305	22,169	3 7	813
59	RH	4-3	305	17,543	4 3	755
James M Harnish						
Julie	RH	9-2	305	26,912	3 6	981
Jetty	RH	5-5	305	21,797	3 6	786
C. Nevin Hershey						
Edna	RH	6-2	305	24,057	4 1	976
J. Richard Kolb						
Dorie	RH	4-10	305	26,214	3 7	966
38W	GrH	7 0	305	21,454	3 8	825
Aster	RH	9-3	305	20,013	3 9	779
John D Nissley						
Sis	GrH	3-8	305	26,506	3 6	958
Eva	RH	4 8	305	20,238	3 8	768
Millie	GrH	3 9	299	18,522	4 1	756
Galen W Crouse						
Special	RH	3 9	305	25,337	3 8	954
Gay	RH	4 1	305	22,949	3 6	837
Springs	RH	4 3	305	20,760	3 8	789
Peppy	RH	5-6	305	16,785	4 6	764
Shadytop Farm						
Gertie	RH	7-3	305	25,462	3.7	949
Rockey	RH	4 3	305	21,655	3 6	779
Andover	RH	6 0	295	20,082	3 9	774
J Mowery Frey Jr						
Ona	RH	11 1	305	26,174	3.6	944
Molly	RH	3 0	305	21,159	4.2	879
LeRoy S Musser						
56	GrH	4 11	305	24,158	3 9	943
52	GrH	4 5	305	21,984	3 9	860
61	GrH	6 3	305	19,184	4 0	776
Hickory Grove Farm						
Elsie	GrH	4 0	305	23,075	4 1	943
Natham G Stoltzfus						
Katie	RH	9 1	305	20,584	4.6	941
Honey	RH	7 11	305	19,585	4 3	833
Robert Gochenaur Jr						
41	RH	8 7	305	25,193	3 7	932
31	RH	5 3	305	22,210	3.6	791
51	RH	5 4	305	23,516	3.3	786
Shellenberger Bros.						
Renae	RH	4-0	305	26,324	3 5	930
Monica	RH	4-4	305	23,118	3.7	861
Evelyn	RH	4 2	305	22,497	3 7	838
John M. Harnish						
94	GrH	6 4	305	29,292	3 2	926
Flora	RH	8 6	305	26,982	3 4	919
Rhelda	RH	5-11	305	23,775	3.7	891
Jean	RH	9 2	305	29,578	4 1	849
Friend	RH	4 4	305	29,155	2 8	816
Brenda	RH	4 9	305	20,802	3 9	811
Marietta	RH	4 6	305	19,834	4 0	795
J Harold Musser & Son						
9	GrH	7 9	305	23,879	3 9	923
85	RH	7-2	305	22,218	3 7	832
8	GrH	10-8	305	22,589	3 7	826
C Kenneth Young						
75	RH	6-2	305	23,627	3 9	920
17	RH	9 2	305	21,758	4 1	898
Jo	RH	3-10	305	19,600	3.9	761
Lenewood Farm						
Ava	RH	4-0	305	22,966	4.0	920
Tanya	RH	8 5	305	20,531	3 8	772
Lilly	RH	10 11	305	19,482	4 0	770
H. Landis Weaver						
Lady	RH	6 3	305	19,563	4.7	919
Adele	RH	4-6	305	22,249	3 6	791
John S Zimmerman						
58	GrH	3-6	305	20,493	4.5	918
32	RH	5 2	302	22,584	3 6	818
44	GrH	4-4	305	22,520	3.6	807
LeRoy S Weaver						
Dot	RH	4 11	305	27,440	3 3	915
June	RH	10-8	305	18,465	4.7	875
Terry	RH	5-0	305	20,991	3.6	764
Tinna	GrH	5-11	305	19,818	3 8	757
Allen Lee Stoltzfus						
Shirly 1	RH	4 8	305	23,235	3 9	915
Eclipse	RH	8-10	305	21,627	4 1	891
Judy	RH	8-2	305	25,933	3 4	880
Aster	RH	6 0	284	20,374	4 2	855
Darlene	RH	6-10	298	22,851	3 4	785
Allen S Groff & Son						
8	GrH	8-0	293	18,110	5 0	914
Paul M. Fahnestock						
28	GrH	7 3	305	24,912	3 6	906
63	GrH	5-1	292	21,358	4 1	877
54	GrH	7-0	305	22,897	3 5	811
18	GrH	3-0	305	19,426	4.2	810
R27	GrH	4 5	305	22,869	3.3	764
52	GrH	6-3	305	20,483	3 7	757
Daniel M Stoltzfus						
Donna	RH	5 7	305	25,576	3 5	905
Albert Breneman						
82 Tulip	RH	4 9	305	23,328	3 9	905
Robert H. Rohrer & Sons						
146	RH	5 0	305	23,276	3 9	904
Tritown Farm						
Verna	RH	10-11	305	22,405	4.0	903
Betty	RH	5 10	305	29,384	2 8	811
Vicky	RH	5-3	305	24,709	3.1	773
J S. Smucker & Sons						
379	RH	3-9	305	25,841	3.5	902
Nathan E Stoltzfus						
Sidel	RH	7-2	305	22,724	4 0	901
Jessica	RH	3-9	305	20,214	4 3	875
James W Bowman						
Darlene	GrH	7 9	305	23,311	3 8	897
Arlene	GrH	10 3	305	22,472	3 4	771
Norman B Rutt & Son						
109	GrH	5-6	305	22,300	4.0	896
124	GrH	5-2	305	22,566	4 0	893
105	GrH	4-6	305	24,479	3 4	837
Al Mar Farm						
Jacinda	RH	5 10	305	21,903	4 1	891
Elam K Stoltzfus						
Boots	RH	4-4	305	22,375	4.0	890
Rosie	RH	6 5	305	21,851	3.9	852
Jonas E Zook						
Stacy	RH	3 7	305	24,865	3 6	889
Kreider's & Nickle						
98	RH	8-6	305	19,177	4 6	889
9	RH	5-2	305	23,725	3 7	876
151	GrH	7-4	305	23,028	3 6	827
67	GrH	3-11	305	21,464	3 5	756
Emanuel B Lapp						
Lucy	GrH	7 1	305	23,765	3.7	888
Springarden Farm						
Olive	RH	5 9	305	27,550	3 2	887
Marcy	RH	4-11	305	26,670	3 1	837
Weaver Homstead Farm						
88	GrH	5-2	305	22,016	4.0	887
24	GrH	4 2	261	19,904	3 9	785
9	GrH	2-1	305	17,805	4 3	758
Ivan Zook						
6	RH	6 10	305	21,666	4 1	887
Jacob L Stoltzfus						
23	GrH	10-9	305	21,197	4 2	887
38	GrH	5 9	305	25,440	3.3	847
31	GrH	6 8	287	18,755	4 5	841
Noah Kreider & Sons						
396A	GrH	7 2	305	22,493	3 9	885
720	GrH	7 1	296	20,220	4 1	829
Kenneth D Myer						
Rhoda	RH	3 2	305	20,721	4 3	881
Rose	RH	3 10	305	18 547	4 1	759
Nelson R Habecker						
19	GrH	9 2	305	25 559	3 4	880
41	RH	5 7	305	22 217	3 7	811
Clyde W Martin						
Markie	RH	7 4	305	24,204	3 6	880
Ginger	RH	5 0	288	25 601	3 4	877
Dixie	RH	5 3	305	23 106	3 5	811
John A King						
Apache	RH	5 11	305	20,999	4 2	878
Speckle	GrH	4-9	305	21,147	3 7	782
Marvin K Witmer						
Mim	RH	3 7	305	24,321	3 6	875
Henry S Lapp						
64	RH	3-5	305	22,709	3 9	875
11	RH	4-6	305	23,136	3.6	826
20	RH	5 5	305	21,449	3 8	821
Edgefield Farms						
Carey	RH	5-10	305	19,744	4.4	874
Kit	RH	7-10	305	22,072	3 6	805
Elaine	RH	7 8	305	21,970	3.6	786
Paul H Martin						
Poppy	RH	9-10	305	19,209	4.5	874
Daisy	RH	5-6	281	26,120	3 3	850
Betty	RH	5 3	305	26,251	3 0	799
Emanuel S. Smucker						
Dorene	RH	3-4	305	23,337	3 7	873
Amos E King Jr.						
Lillian	RH	6-7	305	21,379	4 1	873
Judy	RH	5-9	305	22,357	3.5	774
Gerald Martin						
Gloria	RH	3-4	305	22,261	3.9	872
Raymond E. Reitz						
Mary	RH	4-1	305	18,810	4 6	871
Robert M. Mylin						
Shelly	GrH	5-10	305	17,107	5 1	870
Bennie L Fisher						
Royal	RH	5 3	305	22,784	3 8	868
Melvin R Eby						
Whitey	RH	7-9	305	22,624	3.8	867
Richard B Hess						
51	GrH	8 0	305	25,675	3.4	866
Earl S Weaver						
Liz	RH	4-0	305	24,209	3.6	865
Glenda	RH	6-0	305	24,024	3.4	806
Hiram S. Aungst						
Mickey	RH	7 11	305	23,516	3.7	864
Tibby	RH	5-7	305	18,997	4 0	754
Joseph C Wivell						
Lena	RH	6-7	305	23,402	3.7	864
Nadine	RH	4-0	281	21,181	3.9	825
Eve	RH	8-2	305	20,898	3 9	805
Delmar H Wenger						
Snow	RH	7 3	305	23,191	3 7	863
Elmer M. High						
4	GrH	8-3	286	23,057	3 7	860
Welsh Vista Farms						
Snowy	RH	4 2	305	20,529	4 2	860
Robert Ginder						
Greta	RH	5 7	305	20,920	4 1	857
Robert W Ulrich Jr						
Debbie	RJ	3-2	305	19,768	4 3	856
Babe	RJ	5 9	305	15,921	5 3	851
Clover	RJ	4-2	305	15,782	4 9	769
Fred Crider Holstein						
Kat 21	RH	5-9	305	20,828	4 1	855
Ra-El Holsteins						
Silver	RH	3 7	305	26,325	3 2	854
Ella	RH	3-4	305	21,932	3 7	806
Melissa	RH	4 7	291	22,713	3 5	797
Joanne	RH	3 7	305	21,592	3.6	777
Paul V. Nissley						
Janet	RH	9 2	305	27,670	3 1	854
Adrian	RH	4 2	305	21,794	3.8	829
Flossie	GrH	2-2	305	20,276	3 9	782
Elmer H Weber						
Blazer	RH	9 8	305	22,482	3 8	853
Kenneth B Garber						
Diane	RG	5 4	305	16,871	5 1	853
Irene	RG	5-5	305	16,406	4.8	790
Nola	RG	3-0	290	14,938	5 2	774
John L Landis						
240	GrH	2 0	305	24,438	3 5	852
195	RH	4 1	305	20,842	3 6	751
Marvin Reitt						
5 Edna	GrH	5 9	305	24,237	3 5	850
Ammon B Lantz						
Son	RH	5-4	305	20,395	4 2	849
Mervin Sauder						
Bleu	RH	9-3	305	23,011	3 7	847
Frances	GrH	6-0	305	17,649	4 5	793
Ellis D. Kreider						
142	GrH	4 7	305	21,815	3.9	847
121	GrH	6-8	305	17,504	4 4	765
Paul B Zimmerman						
Teresa	RH	3-9	305	17,478	4 8	847
Mervin L Stoltzfus						
42	GrH	8 0	305	19,678	4 3	846
Ivan Bowman Jr						
Jackie	GrH	8 8	305	22,212	3 8	845
Benuel Z Lapp						
Grace	RH	4 11	305	20,317	4 2	8
Red Knob Farm						
223	GrH	4-9	305	21,421	3 9	843
209	GrH	5-3	298	26,158	3.1	811
56	GrH	6-5	302	19,717	3.9	767
111	GrH	3-3	305	19,893	3 9	766
Brubacher & Martin						
45	RH	5-3	305	19,482	4 3	843
21	RH	10-0	305	17,657	4 5	795
James D Shertzer						
Doris	RH	5-0	305	20,908	4 0	842
Paul S. Horning						
Wilma	RH	6-4	305	18,752	4 5	842
Eugenie	RH	5-6	305	27,278	2 8	777
Robert L. Shelly						
Polly	RH	5-1	305	21,902	3.8	841
Benuel S Stoltzfus						
Mildred	RH	7-1	304	22,029	3.8	840
Marvin S. Nolt						
21	GrH	8-1	305	25,914	3 2	839
123	RH	5-3	305	24,992	3.1	785
J Robert Metzler & Son						
Sophe	RH	5-7	305	22,722	3.7	839
Bonnie 1	RH	9-10	305	18,701	4 1	764
Clifford & Joyce Blank						
Rosene	RH	7-0	305	22,542	3 7	838
Earl N. Landis						
Alma	RH	3-1	305	21,939	3 8	838
Pamela	RH	4 0	305	20,628	4 0	827
Beth OC	RH	6-1	305	24,825	3 3	821
Pearl	RH	4-11	305	17,967	4 5	801
Gracie	RH	3-2	305	20,019	3 9	786
Wilmer G Kraybill						
Ella	RH	7 1	305	23,316	3 6	836
Ray P Bollinger						
Alice	GrH	6 2	305	20,270	4 1	835
Trudy	RH	5 3	305	18,106	4 3	770
John Omar Stoltzfus Jr						
Sunshine	RH	7 5	305	21,191	3 9	834

(Turn to Page D18)

Dairy Pipeline

By
Glenn A. Shirk
Extension
Dairy
Agent

Gasping, hacking and wheezing

Gasping, hacking and wheezing are not harmonious sounds, especially if they are coming from your calves and heifers!

The calves you raise today are the cows you work with tomorrow — the cows upon which your livelihood depends. So, it's essential that they get good care. Think of your calves as young athletes being trained for stiff competition in the future. As athletes, they'll need a good set of lungs to stand up to the hard work of competition — and to survive the competition.

As dairyfarmers, you and your team of cattle are in a competitive race. Your cows are in competition with your neighbors' cows. Your management skills and your herdsmanship abilities are in competition with your neighbors' skills.

Your calves are your starting line in this competitive race. To win this race, you have to get off to a good start; you've got to start with good calves.

Let's assume that you have already "bred your calves right." That means they have the bred-in genetic potential to produce, and to stay in the herd long enough to do you some good. That's important!

Let's also assume you have a good dry cow program, one that enables cows to give birth to strong, healthy, vigorous calves. Hopefully, the maternity area was sanitary, the calves received colostrum soon after birth, their navals were clipped and disinfected, and they were properly immunized.

The next question is, where do you put the newborn calf? Hopefully, it will be in an area that is clean, dry, draft-free and an area that has fresh air. Note that I didn't say anything about a warm barn. That's not nearly as important as the other requirements.

Remember, the calf is born with a "coat." Keep her hair coat clean and dry, let her get in out of the wind and weather, give her a clean place to lie down, feed her properly, and she'll be warm.

What not to do

To keep a calf barn warm, we have to do one of several things — all of which present some problems.

You might pack in a lot of calves so there will be enough body heat to warm up the barn. Then, you'll conserve that heat by shutting off the fans and closing the doors and windows. The barn does get warmer and the water may not freeze. But, you've also trapped in a lot of moisture, dust, gases and disease organisms (germs). That's bad for the lungs and can cause a lot or respiratory problems.

Excess moisture and dust can cause lung congestions. Moisture and dust particles also serve as carriers for germs, so diseases become more prevalent. Ammonia and other gases are given off by manure and bedded packs. If trapped in a barn, they can build up to toxic levels.

Another temptation might be to house calves in the cow stable, using the body heat of the cows to keep the calves warm. You might even locate the exhaust fan in the calf area so you can pull the warm cow air over the calves.

Two undesirable things happen in the process. You're exposing the most vulnerable stock, the calves, to the germ-laden, stagnant air which was not good enough for the cows. If it's not good enough for the cows, it's even worse for the calves. The cows, at least, have developed some immunity to their own germs. The calves have not.

Secondly, chances are, the calf end of the barn is the cooler end, because the calves generated less body heat. The warm, moisture-laden cow air, when it hits the cooler calf area, will become even wetter and will condense when it hits the cold walls. This will help cause more lung congestion problems in the young calves.

You may be using supplemental heat. When you are raising veal calves in confinement, this may be necessary for good feed conversion and rapid daily gains. But, supplemental heat is expensive and hard to justify in the case of raising dairy replacements. When it is used, because of its cost, the tendency is to slow down the fans in an effort to conserve the air we've paid to heat. The result may be under ventilation and an increase in respiratory problems. We have to move air, whether we heat it or not.

Ideally, calves should be isolated from each other in individual pens and away from older herdmates. One good choice, but not the only alternative, is individual calf hutches.

The pen should provide the calf with a clean, dry surface to lie on. Clean is sanitary, and that helps to prevent infections and diseases. Dry surfaces also are more sanitary than wet surfaces. Most disease organisms don't thrive well on dry surfaces; they prefer moisture, filth and warmth. Also, dry surfaces are warmer in winter. The pen also should be well-bedded. Clean bedding is sanitary. It also is a good insulator to help prevent cold surfaces (ground and floors) from pulling precious heat our of the calf's body.

The calf should have access to shelter from wind and rain. A clean, dry hair coat traps air between it's fibers, and that dead air serves as an insulator. We want that dead air to stay there, between the hairs, and not be blown away. A calf shelter becomes the calf's "windbreaker."

In cold weather, calves raised in cold housing, need to be fed more energy. Remember, they depend upon their body heat to keep warm, and that body heat comes from the energy they eat. That means we need to feed calves more energy in winter — more milk or milk replacer, higher quality milk replacers that are higher in fat content and contain more milk ingredients, or more hay and grain. The less protected the calf is from the elements, the more crucial this becomes.

Fresh air, sunshine and exercise also are beneficial to the calf's development. It's always nice to give calves the freedom to choose their own comfort zones. They usually have the good sense to choose those areas that are best for their health, if given the opportunity. That's one big benefit of a calf hutch — it provides calves a wide range of conditions within its own small confines.

When we raise calves in confinement, we make them prisoner to the conditions we offer them. Thus, it becomes our responsibility to provide them what they need. Fresh air is about the cheapest thing we can provide calves. It's one of the things they need most, and it's one of the things most lacking in our calf-raising programs. Remember, we are building strong lungs for strong athletes (heifers) that will be strong enough to compete with the challenges of tomorrow. Their challenge is to keep us in the dairy business tomorrow.

Our challenge is to provide calves with fresh air without creating cold drafts. Calf hutches and open front sheds can do this job beautifully. However, we do not want to expose calves to air from older herd mates. Thus, hutches should be kept away from exhaust fans, and a reasonable distance from other housing facilities. Long, open-front buildings may need an occasional solid wall as a divider between pens. This divider will serve as a windbreak to help prevent drafts from eddying across the pens.

In a cow stable, it may be necessary to relocate exhaust fans so they can pull some fresh outside air in over the calves. Inlets would have to be properly adjusted so proportionate amounts of fresh air can enter different sections of the stable. When pulling fresh air in over calves in winter, the inlets should be kept small enough so they'll shoot air out along the ceiling with enough force to cause it to mix with the warmer air in the stable. This mixing should help prevent cold air from dropping down onto the calves. When you restrict air inlets in the calf area, you may need to open inlets in the cow stable; otherwise, the fan's capacity will be choked down, and you won't get proper air exchange.

Many times calves are housed in pens along a cold, wet wall in the barn. Calves can be exposed to drafts of cold convection currents

(Turn to Page D30)

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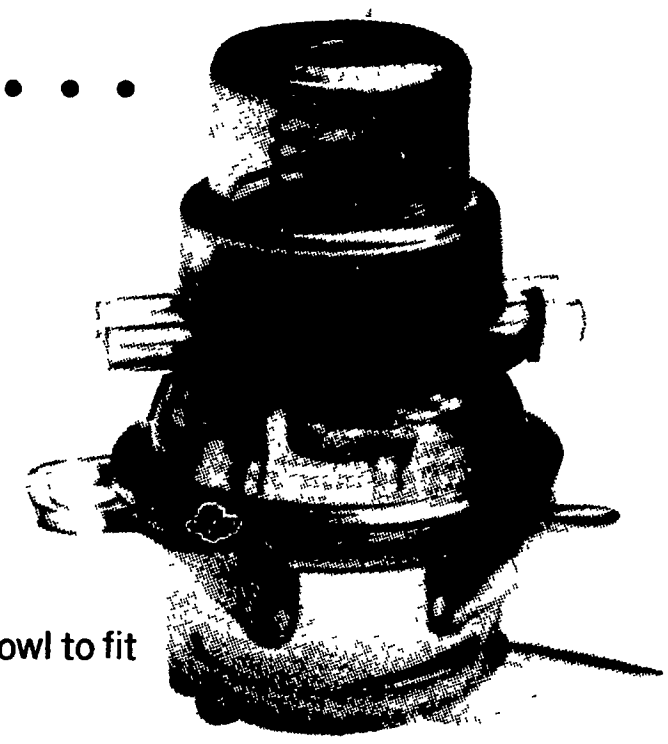

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(Continued from Page D16)

Vern-Lee Holsteins						
Petunia	RH	9-7	305	23,081	3.6	832
Susan	RH	5-3	305	19,752	3.9	772
Graywood Farms						
92	GrH	4-1	305	22,901	3.6	832
51	GrH	3-0	305	17,756	4.6	819
220	GrH	5-0	305	24,256	3.2	772
445	GrH	5-6	305	22,290	3.4	754
Titus B. Stoner						
Marlene	RH	3-2	305	23,950	3.5	831
Teresa	RH	4-11	305	22,159	3.7	813
Cedar Fringed Farm						
Nada	RG	6-3	305	19,351	4.3	830
Harry S Aungst						
Lulu	RH	5-1	305	23,878	3.5	829
Koko	RH	5-11	305	22,145	3.5	782
Benuel F. Stoltzfus						
Sharon	GrH	5-7	305	23,023	3.6	829
John U. Glick						
Gay	RH	8-0	305	21,434	3.9	829
Lois	RH	5-5	305	20,379	3.9	791
J. E. & Shirley Hershey						
Crysty	RH	6-10	305	26,373	3.1	828
Shelby	RH	8-11	264	17,512	4.5	791
Curvin W. Nolt						
32	RH	4-10	305	21,909	3.8	828
43	RH	5-7	305	25,218	3.0	760
16	RH	3-11	305	21,327	3.6	760
Jonas B. Lantz						
Ruby	RH	3-4	305	24,623	3.4	827
Posy	RH	4 0	305	24,274	3 3	808
Donald R Bare						
30	RH	4 11	303	21,958	3 8	827
47	RH	3-1	305	19,572	4.2	816
Marbro Farm						
Mandy	RH	3-10	305	22,932	3.6	826
Pansy	RH	2-11	292	16,511	4.6	755
Dan L. Stoltzfus						
Carmen	RH	7-10	298	22,145	3 7	826
Ken & Nelson Stoner						
68	RH	5-4	305	20,254	4 1	825
Paul H Rohrer & Sons						
48	GrH	4-6	305	18,127	4 5	824
74	GrH	7-1	305	22,743	3 6	816
52	GrH	5-2	278	22,051	3 6	797
32	GrH	5-0	305	21,812	3 5	759
Neffdale Farm						
Alice	GrH	10-8	305	25,560	3 2	823
John D. Martin						
Klyde	RH	5-11	305	22,192	3 7	822
Benuel E Stoltzfus						
Rattle	GrH	5-2	305	23,518	3.5	821
J Floyd Kreider						
47	RH	8-7	305	21,691	3.8	820
69	RH	4-8	305	19,899	4 1	819
Robert Kauffman Jr						
Tara	RH	4-0	305	21,515	3 8	820
Suzann	RH	3-0	305	18,846	4.0	753
Singing Maple Farms						
65	GrH	6-4	305	23,519	3 5	819
Philip B. Beiler						
Hope	RH	7-1	305	22,864	3 6	819
Ada	RH	3-5	305	23,054	3 5	807
Ivan Z Martin						
Heidi	RH	5-2	305	21,323	3 8	819
Swaying Maple Farm						
Frisky	RH	6 3	305	19,663	4.2	819
Cinamon	GrH	5-1	305	20,084	4.0	798
Moses	GrH	4-6	304	18,653	4.0	754
A Dale Herr						
79	GrH	7-3	305	21,203	3.9	818
Levi S. Stoltzfus						
Joann	RH	5-3	298	20,013	4.1	818
Ben G Riehl Jr.						
Bosey	GrH	9-1	305	21,381	3 8	817
J. Robert Kindig						
Star	RH	7-4	305	23,707	3.4	816
Ivy	RH	10-4	305	17,790	4.4	788
Harold K. Witmer						
Lorella	RH	4-7	305	21,626	3.8	815
Lynett	RH	6 1	305	22,753	3.5	789
Ashevale Farm						
Debbie	GrH	3-10	305	21,397	3.8	815
Moses N. Good						
Tilly	RH	4-4	305	22,382	3.6	812
Patsy	RH	5-0	305	20,490	3.8	783
Audrey	GrH	4-4	305	19,772	3 9	767
Raymond H Good						
54	GrH	5-10	305	21,476	3.8	812
45	GrH	6-8	305	22,923	3.4	787
Harvey E Heller						
42	GrH	5-1	305	20,195	4.0	811
J. Earl Horst						
Nancy Ga	RH	7-0	305	19,314	4.2	811
Iris	GrH	3-7	279	21,376	3 6	779
J. Omar Beiler						
Molly	GrH	3-0	299	18,859	4 3	811
Henry U Stoltzfus Jr.						
Lucky	GrH	6-0	305	25,705	3.2	810
D Lamar Witmer						
Becky	RH	4-2	305	19,335	4 2	809
Kathy	RH	5-5	305	23,126	3.3	770
Noah K Beiler						
Peggy	RH	5-9	305	26,103	3.1	808
Lucille	RH	5-7	305	19,254	4.0	772
Rohrer Brothers						
Angel	GrH	6-1	305	20,888	3.9	807
Virginia	RH	4-11	305	22,108	3.6	791
Vickie	RH	3-3	305	21,479	3.7	791
Quarryville Presbyterian Home & Melvin Rohrer						
243	GrH	6-5	305	21,868	3.7	806

(Turn to Page D19)

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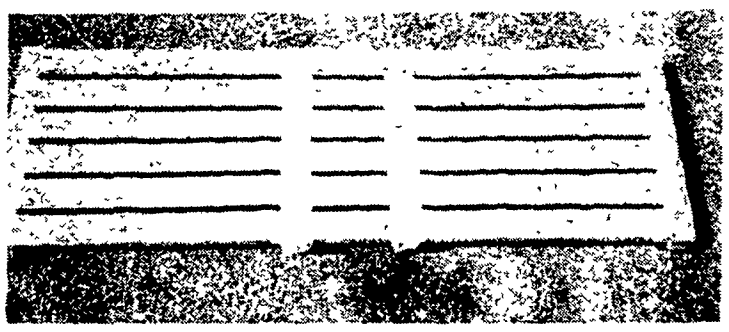

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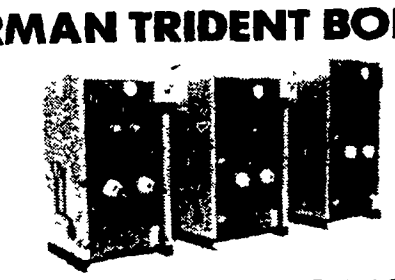

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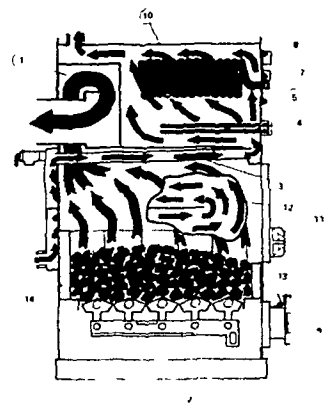

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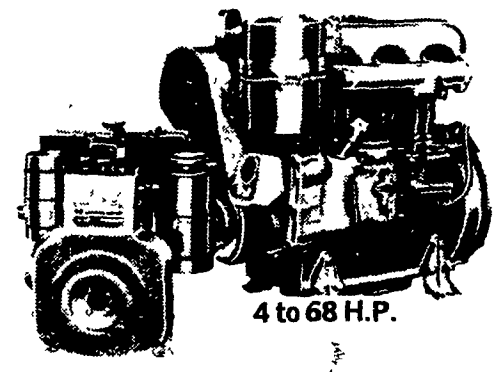

4 to 68 H.P.

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Lancaster Co. DHIA

(Continued from Page D18)

Pequea Meadows Farm						
192 Ella	GrH	2-3	305	19,009	4.2	806
148 Glnd	RH	4-2	305	19,453	4.1	792
228 Madg	RH	4-3	289	21,495	3.5	763
Amos W. Breneman						
Snowy	RH	4-11	305	22,668	3.6	805
Nelson H. Hershey						
36 Gay	RH	6-2	297	19,993	4.0	805
Joseph L. Fisher						
Sally 8	RH	3-1	305	19,341	4.2	805
Becky 26	GrH	5-4	305	21,726	3.6	781
LeRoy S. Smucker & Son						
Ethel	RH	5-8	305	22,962	3.5	804
Curtis E. Akers						
Terry	RH	8-4	305	24,288	3.3	801
Lisa	RH	4-7	305	22,324	3.5	778
Luke S. Stoltzfus						
Windy	GrH	4-1	305	22,722	3.5	800
Sally	GrH	4-5	287	20,766	3.8	798
Thomas C. Lapp						
Lois	RH	4-8	305	20,850	3.8	800
Babe	RH	3-11	305	20,652	3.7	773
Lloyd K. Wise						
Kate	GrH	6-5	305	24,781	3.2	799
Glenn P. Book						
Edna	RH	4-4	305	23,058	3.5	799
Lucky	RH	8-3	305	17,238	4.5	779
Mark A. Young						
4	GrH	6-3	305	19,512	4.1	799
Bart Dell Farm						
Katie	RH	4-2	305	26,559	3.0	798
Christian & Katie King						
75	GrH	8-0	305	21,600	3.7	798
8	RH	4-8	299	18,666	4.2	781
John Omar Stoltzfus						
Grace	RH	4-1	305	20,933	3.8	798
Earl E. Martin						
Jan	RH	7-4	305	19,701	4.1	798
Rhelda & Lynn Royer						
Coolaid	RH	5-2	305	20,330	3.9	797
Peach	RH	7-4	305	21,165	3.7	784
John A. Brubaker Jr.						
Gingr 57	GrH	5-3	305	20,164	4.0	797
Arlene	RH	3-8	305	29,281	2.6	769
Nevin & Doneen Dourte						
Sonia	RH	6-4	305	23,317	3.4	796
Albert H. Mellinger						
Jewel	RH	5-11	305	23,002	3.5	796
Lydia	RH	7-5	305	19,348	4.0	782
Ruby	GrH	6-11	305	21,003	3.7	775
Leon S. Musser						
23	RH	3-4	305	22,982	3.5	796
R. Edwin Harnish						
Paulina	RH	6-1	305	24,892	3.2	795
Robert N. Brandt						
4	GrH	7-5	300	24,302	3.3	795
E. Richard Bruckhart						
Butterc	RH	7-4	305	20,430	3.9	794
Artist	RH	4-7	305	20,955	3.7	784
Landis Garman						
Maggie	RH	5-5	305	23,441	3.4	793
Omar S. Kauffman						
Pansy	GrH	5-1	305	20,212	3.9	792
Ella	RH	5-10	305	19,853	3.9	771
Flower	RH	5-2	305	23,873	3.2	767
George M. Hurst						
144	GrH	8-8	305	22,098	3.6	791
Bushong Bros.						
Sandra	RH	3-5	305	21,132	3.7	791
Loren L. Zimmerman						
Bitty	RH	3-11	305	20,951	3.8	791
Lester M. Weaver						
98C	RH	6-0	305	20,014	4.0	791
Melvin M. Groff						
Lovely	GrH	4-4	305	21,585	3.7	790
King-Ridge Farm						
Sheree	RH	7-10	305	21,129	3.7	790
James Rutt						
79	GrH	4-11	305	20,608	3.8	790
Robert G. Hershberger						
40	RH	3-4	305	20,330	3.9	790
11	RH	6-11	305	22,708	3.4	768
77	GrH	4-8	305	21,883	3.5	760
Fred Crider						
Iris	RG	5-11	293	14,626	5.4	790
Roy Edwin Sauder Jr.						
42	GrH	4-1	305	22,633	3.5	788
78	GrH	8-4	305	20,072	3.8	754
Daniel M. King						
Lydia	RH	6-6	305	20,911	3.8	788
Elam Petersheim						
Millie	RH	5-6	304	22,865	3.4	787
Joseph Eshleman						
184	GrH	3-4	305	21,850	3.6	787
Stephen J. Stoltzfus						
Princess	RH	4-0	305	19,273	4.1	787
John B. Stoltzfus						
2	GrH	8-3	305	18,212	4.3	787
Glenn F. Shenk						
Cherry	GrH	8-2	305	23,773	3.3	786
Riehlee Farm						
B 16	RH	6-7	305	22,837	3.4	785
R. Larry Miller						
46	RH	10-5	305	22,228	3.5	785
Simeon B. Beiler						
Sue	GrH	5-3	305	20,579	3.8	785
Sheila	GrH	5-5	305	20,582	3.7	763
David K. Stoltzfus						
Brook	RH	4-1	305	24,178	3.2	784
Abram M. Stoltzfus						
Sue	GrH	5-4	305	21,842	3.6	782
John W. Good						
49	GrH	4-4	305	21,798	3.6	782
Daniel E. Fisher						
Pearl	RH	5-9	305	20,167	3.9	782
Coleen	RH	3-1	305	19,109	4.0	756
Clair M. Hollinger						
Bonny 37	RH	6-6	305	25,340	3.1	780
Luke E. Martin						
41	GrH	8-0	290	24,851	3.1	780
33	GrH	8-1	304	22,616	3.4	775

(Turn to Page D20)

OCTOBER 31
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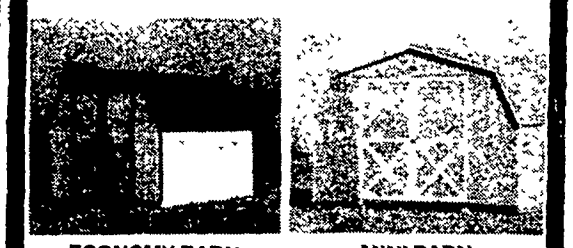

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• 8x10	$475.00	• 8x10	$400.00
• 8x12	$525.00	• 8x12	$440.00
• 8x14	$575.00	• 8x14	$495.00
• 10x12	$625.00	• 10x12	$545.00
• 10x14	$675.00	• 10x14	$595.00
• 10x16	$725.00	• 10x16	$645.00
• 12x14	$775.00	• 12x14	$695.00
• 12x16	$850.00	• 12x16	$770.00
• 12x20	$985.00	• 12x20	$885.00
• 12x24	$1195.00		

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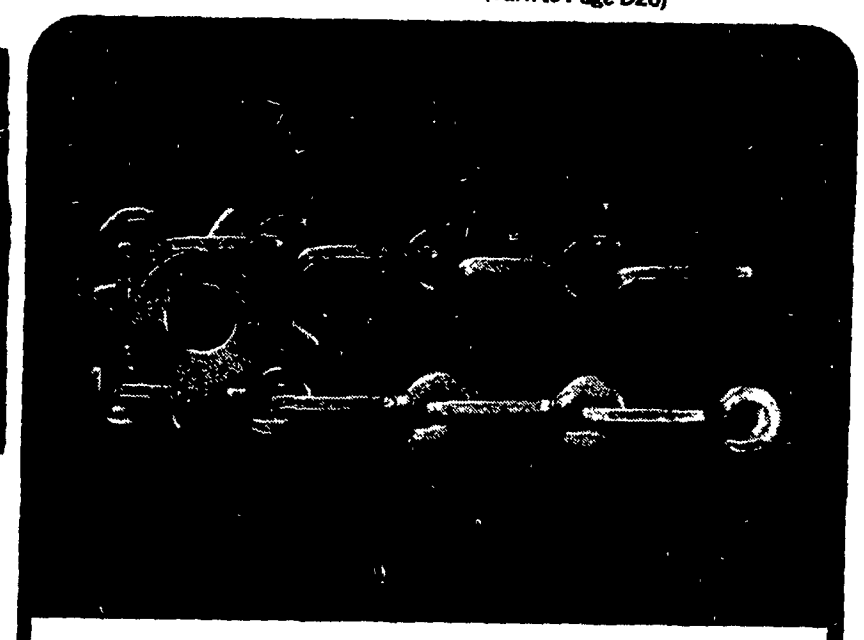

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Patz

Lancaster Co. DHIA

(Continued from Page D19)

Water-Flow Farm						
Crystal	RH	8 6	305	20,665	3 8	/80
Creek Knoll Farm #1						
Forest	RH	5 2	305	21,507	3 6	/79
Wil Am Dairy Farm						
34	RH	5-5	305	17,299	4 5	/79
John P. Lapp						
Inka	RH	2-10	305	22,439	3 5	/78
Willis M. Martin						
Polly	RH	4-10	305	19,061	4 1	/78
Amy	GrH	6-8	305	18,732	4 0	751
Jonas S. Beiler						
Ruth	GrH	5-10	305	17,830	4 4	/78
Hammer Creek Holsteins						
817	RH	5 6	275	19,762	3 9	/77
Middle Creek Farm						
Gerben	RH	9 1	305	19,453	4 0	/77
Raymond M Weaver						
76	RH	7 0	305	19,524	4 0	/76
John F Stoltzfus						
Betty	RH	2-11	305	21,498	3 6	/75
Delmar & Susan Weaver						
Ruby	RH	6 11	305	23,201	3 3	/74
Samuel F Long						
Pet	RH	5 2	305	21,690	3 6	/74
Samuel K Stoltzfus						
Blacky	GrH	5 10	305	21,387	3 6	/74
Levi E Stoltzfus						
Marlie	GrH	4 4	305	20,148	3 8	/74
Lucy	GrH	6 1	290	21 053	3 6	/57
Melvin J Martin						
Janet	RH	6 10	305	18,810	4 1	/74
Clair Oberholtzer						
Diane	RH	3 9	305	21 781	3 5	/72
Twin Oak Farms						
267	GrH	5-0	305	20,359	3 8	/72
278	GrH	4-2	305	20,217	3 8	/66
David E DeLong						
275	GrH	5 1	302	20,215	3 8	/72
J Richard Snavely						
Raven 49	RH	5 3	303	19,545	3 9	/71
Clyde M Buchen						
519	RH	3 11	305	20,672	3 7	/69
King Farm						
Linda	RH	3 11	305	19,796	3 9	/69
Dale & Steve Hershey						
Pettilu	RH	3 10	305	21,099	3 6	/68
Queen	RH	5 10	305	19,715	3 9	/65
Harold L Weiler						
Candy	RH	4 1	305	19,687	3 9	/66
Gusty Crest Farm						
Lady	GrH	2 11	305	18,626	4 1	/66
Jay E Landis						
Beretta	RH	4-5	305	20,069	3 8	/65
David L King						
Tidy	RH	7 8	305	20,644	3 7	/64
Sugar	GrH	5 7	305	20,812	3 6	/55
Carl L Martin						
Nora	RH	5 2	299	18,985	4 0	/63
Running Springs Farm						
Joan	RH	3-11	303	19,318	3 9	/62
Warren F Bollinger						
13	RH	3 3	305	19,259	4.0	/62
K. D & Elsie Linde						
Fanny	GrG	5 1	305	16,097	4.7	/62
J Wade Groff						
Ziletta	RH	4 7	290	18,746	4 1	/61
William P Arrowsmith						
Lilly	RJ	4 11	299	16,273	4.7	/60
Ellen	RJ	3 1	305	16,705	4 5	/59
Clarence W Shirk						
Marge	RH	4 2	305	21,807	3 5	/59
Amos B. Lantz						
Betsy	RH	5 0	305	20,100	3 8	/59
David R Stoltzfus						
19	GrH	6 3	305	21,645	3 5	/58
Robert E Kulp						
66	RH	4 0	305	19,387	3 9	/58
Spring Lawn Farm						
40	RH	5-5	305	18,795	4 0	/58
Clifford G Martin						
Jamie	GrH	3 1	305	17,704	4 3	/58

(Turn to Page D21)

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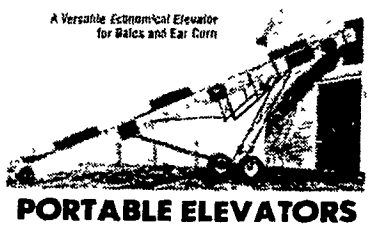

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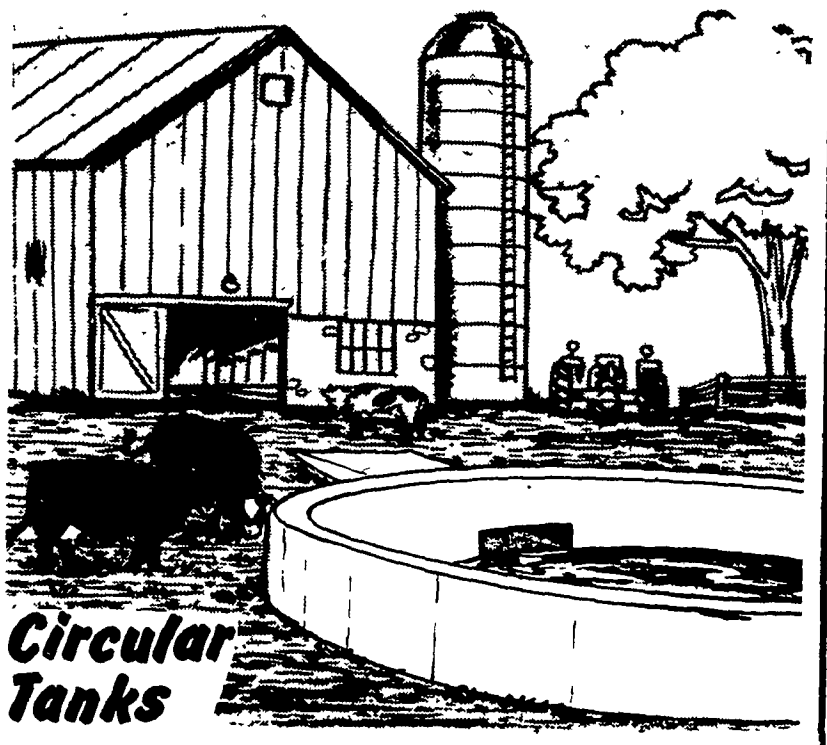

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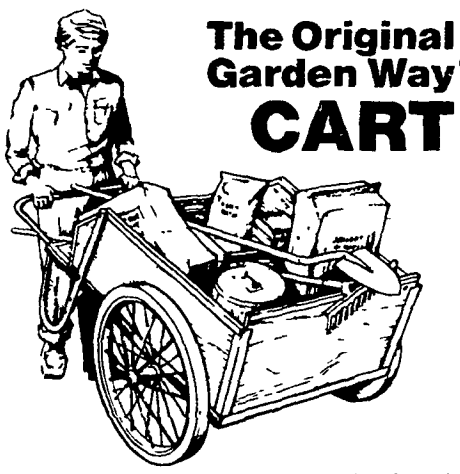
CART



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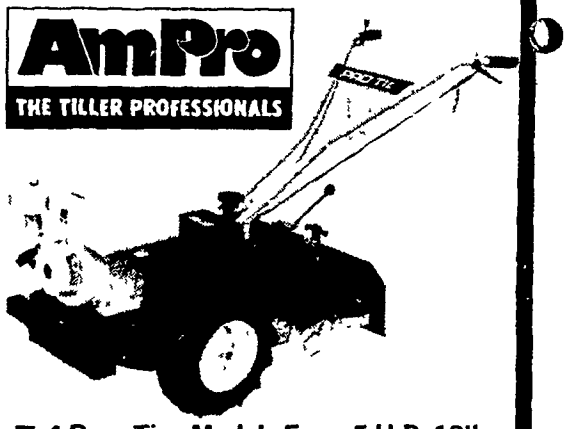

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Lancaster Co. DHIA

(Continued from Page D20)

C Victor Groff						
4	GrH	3-1	305	19,213	3 9	/57
Naaman W Stoltzfus						
Jewel	RH	4-4	305	20,999	3 6	/56
Vernon R Umble & Son						
Lily	RH	10 7	305	20,070	3 8	/56
John Z. Beiler						
Frieda	RH	2-11	301	22,690	3 3	/55
Alepha Farms						
35	GrH	5-10	305	21,372	3 5	/55
Sunny Craft Farm						
May	RH	5-10	305	19,449	3 9	/55
Kreider Dairy Farms						
859	GrH	4 3	305	18,972	4 0	/55
Omar Smoker						
Princess	RH	3-1	305	21,757	3 5	/53
Harry H Ranck Jr.						
Pearl	RH	6-5	305	20,161	3 7	/53
Tom & John Harnish						
Mona	RH	3-2	305	21,897	3 4	/52
Pennstar Farms						
Janeta	RH	4-11	305	17,290	4 3	/52
Paul W. Zimmerman						
86	RH	8-2	302	16,727	4 5	/52
J M. Stoltzfoos						
Carnat	RH	5-0	305	20,378	3 7	/50
Carl R Martin						
Jullie	RH	6-5	305	19,441	3 9	/50

NEED MORE ROOM? Read The Classified Real Estate Ads

dhia
Pennsylvania Dairy Herd Improvement Association

Juniata County DHIA Monthly Report

September 1982

The ten highest Rolling Herd Averages for the most recent 12 months of production are.

NAME	BRD	NO. COWS	LBS. MILK	LBS. FAT
James C Graham	34H	85.4	19,263	750
Mark L Zook	50H	89 7	19,356	741
Harold B Shearer	39H	86 3	19,936	735
Charles Wochley	56H	91 1	18,631	727
John L Van Horn	40H	91 4	17,649	719
Freeburn & Norman Love	55H	85 2	18,213	710
Larry & David Noss	61H	85 6	18,216	708
W Harshbarger & Sons	39H	87 6	17,503	700
R E Shearer & Sons	57H	86 5	18,601	683
James L Swartz	38H	88 1	18,214	676

The top 16 buttertat producing cows

OWNER NAME or NUMBER	LBS. MILK	LBS. FAT
James C Graham		
Milly	23,704	1019
Lois	25,502	959
Fran	23,137	891
Freeburn & Norman Love		
110	21,986	1011
Zimmerman Brothers		
Model	24,977	1004
Mark L Zook		
Pride	25,373	992
Rick & Ralph Saner		
Lady	23,894	964
Sunshine	20,606	961
Charles Wochley		
69	23,623	952
16	20,299	950
72	24,958	938
James H Speer Jr		
Charm	23,018	949
Ellie	23,753	948
Mervin R Zendt		
Greta	23,226	922
R E Shearer & Sons		
Lou Ann	21,086	896
C Orlyn Saner		
Jan	23,250	891

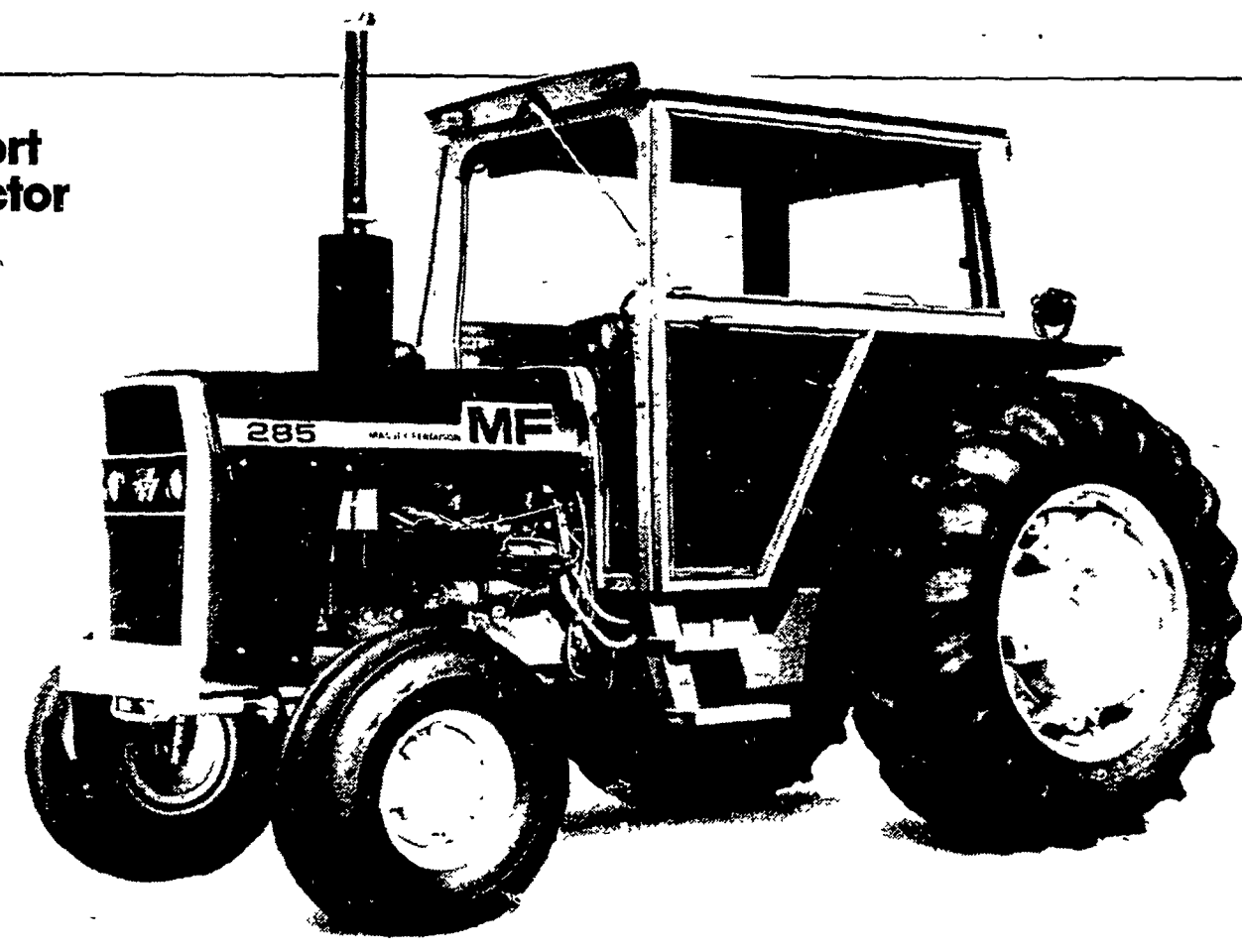
COLUMBIA COUNTY DHIA
September 1982
Herd averages above 650 pounds of fat.

Frank L. Jurbala	47 3	22,241	806
Pen Col Farms	113.9	19,337	726
Shultz Bros	68 9	18 191	716
Richard Kriebel	44 0	19,695	706
Barry D Wise	49 9	18,475	665
John W. Turofski	31 9	18,669	664
George W. Duncan	66 4	16,666	656
Richard Kriebel	21 7	13,898	634
Robert C Bronson	46 5	16,997	605
James L Kline	21 4	16,244	602
Fairwood Farms	171 6	15,083	601

MF
Massey Ferguson

MF 285 Cab Tractor

Year-round operator comfort on an all-around 81 hp tractor



The MF 285 Cab Tractor provides the kind of operator comfort and convenience usually found only on larger tractors.

For example, the standard heater keeps the spacious cab comfortable even on the coldest days. And the optional air conditioner is the perfect answer to heat and humidity.

The cab door is extra-wide for easy entry and exit. Glass area has been maximized to virtually eliminate blind spots, making it easy to see rows or hitch up.

Special shock-absorbing features designed into the seat provide a smooth ride in the roughest going. The seat is fabric covered for added comfort and the arm rests conveniently fold out of the way.

All controls and instruments have been positioned to reduce stress and strain. Hydrostatic power steering and a tilt/telescoping steering wheel are standard.

Isolation mounting and sound absorbing material in the walls and floor of the cab hold noise and vibration to a minimum.

Other standard convenience features include both hand and foot throttle, maintenance-free batteries and a two-speed electric windshield wiper.

Fuel-Efficient Perkins Power

Power in the MF 285 Cab Tractor is provided by a fuel-stingy 318 cu. in. Perkins diesel engine rated at 81* PTO horsepower.

Choose an 8-speed manual or 12-speed Multi-Power transmission with shift on-the-go convenience for the travel speeds you need.

The rugged Category II convertible to Category III 3-point linkage has a lift capacity of 4440 lbs. (2014 kg) to handle heavy implements with ease.

A standard 2-spool auxiliary valve provides plenty of remote hydraulic capacity.

If you're in the market for a tractor in this horsepower range, and need the year-round comfort only a factory-installed cab can provide, then the MF 285 Cab Tractor is just what you're looking for.

*Mfg's rated PTO horsepower

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York County DHIA Monthly Report

Pennsylvania Dairy Herd Improvement Association

September, 1982

1906 lbs. BF and 44,024 lbs. milk was produced in 305 days by Elv a 7 year old Holstein owned by George Knight, Airville, Pa. Second high was Audrey a 8 year old Holstein who produced 1059 lbs. BF and 30,273 lbs. milk in 305 days, owned by Smysers Richlawn Farms, 2691 E Berlin Rd, York High herd was Smyser's Richlawn Farms, 2691 E. Berlin Rd, York with 66 Holstein cows producing 21,908 lbs. milk and 785 lbs. BF. Second high was Lynn Wolf, R1, Abbottstown with 54 Holstein cows producing 20,946 lbs. milk and 782 lbs BF.

OWNER	BREED	NO. COWS	COW DAYS IN MILK	LBS. MILK	FAT LBS.
Smysers Richlawn FMS	3	66 7	87 5	21,908	785
Lynn Wolf	3	54.0	90.2	20,946	782
Avalong Farms Inc.	B3	29.8	88.5	19,362	748
Jim McCafffree	3	39.1	86.4	20,732	719
Geo Knight	3	113.3	90.9	19,314	713
Paul R King	3	45.1	86.9	18,078	709
HS & RE Fetrow	3	77.4	86.6	18,779	703
Wayne E Myers	3	42.2	82.3	18,861	700
Thomas A Boyer	3	40.3	85.1	19,640	699
Beshore Farms	3	45.4	85.4	19,198	688
Leonard W Greek	3	29.2	85 4	17,714	685
Rick L Cook	B3	56 4	87 7	17,914	685
The J E Baker Co	B3	40.6	83 8	19,175	682
Sinking Spring Fm Inc	3	67.9	85.3	18,606	678
Wayne B Mummert	B3	70.5	86.6	17,916	662
Stump Acres	B3	96.8	91.5	18,153	660
David Stewart	B3	109.3	88.1	18,183	658
Melvin R Lehr	B3	45.6	83 5	17,281	646
B Robert Charles	B3	46 7	87.1	18,229	644
Fawn Meadow Holstein	B3	66 4	87 2	17,542	643
William Ruppert	B3	51 8	86 6	17,771	634
MC Ral Dairy Farm	B3	135 9	92 3	18,833	632
Earl Fuhrman	B3	80 8	87 4	16,966	632
Daryl L Bair	G3	40 4	87 0	18,168	625
Adrian Rinehart	B3	97 8	87 7	16,623	625
Ellis Crowl	B3	98 0	85.4	16,727	614
Titus & Merle Walker	G3	36.4	86 4	15,998	611
Smokey Hollow Farm	G3	33.4	87 9	16,848	610
Leland Stanford	B3	35.1	87.3	17,458	602
RR & MR Stewart	3	47.8	90.6	16,191	602
Kenneth L Rexroth	B3	106.5	83.8	16,193	601
C Robert Kilgore	B3	45.7	89.3	17,117	601
Hidden Springs Farm	B8	83.7	84.6	15,148	597
T Edwin Johnson	3	56.6	85.4	16,301	596
Gum Tree Farm	3	40.8	86.4	16,959	593
Double D Farm	B3	95 8	84.1	15,816	589
Horace E Heindel	B3	116 2	86.0	16,836	588
Fred Sprenkle	3	37 4	83.8	17,174	587
Harold Brown	3	71.9	83.7	15,953	587
Walnut Hill Farm	B8	42.7	84.8	17,301	586
Elvin G Molison	B3	139.2	84.1	16,086	585
Edwin L Calhoun	B3	41 8	86.8	16,556	584
JH & MB Hushon	B3	97.5	87 0	16,371	579
Honeycrest FM	B2	99 2	86 7	13,371	579
Phillip D Laughman	3	31.2	86.9	15,927	574
Walkers Farm	B3	76.4	87.0	16,419	571
Leroy Bupp	3	92 5	86.3	17,251	570
Big T Holsteins	B3	87.4	84.3	16,542	566
Richard E Stough	B3	35 6	86 6	15,520	564
Rutter Bros	2	82 5	85.7	11,693	561
Rodman C Thompson	3	60.6	84.7	16,287	556
Leroy Hertzler	B3	27.9	90.9	15,116	555
Dale L Barshinger	B3	37.9	82.6	14,859	552
J Donnell Taylor	B3	103.0	86.3	15,503	552
Dennis J Myers	3	51.1	85.5	15,318	545
John P Bortner	B8	27.4	87.0	14,446	542
David M Emig	B3	57.3	87.4	13,491	540
Robert W Mays	B3	66.0	88.5	15,589	540
Mervin W Hertzler	2	66.3	88.0	11,724	538
Avalong Farms Inc	2	38.9	85.1	12,167	536
Perrydell Farms	G3	174.3	84.2	14,637	533
Wayne L Sweitzer	B3	84.6	85.2	15,036	530
Lonnie Robinson	B8	10.7	74.8	16,071	527
Albert Dehoff	B3	140.9	87.2	14,036	526
Robert Buser	B3	74.9	85.5	15,547	523
R & M Farms	G3	36.5	88.1	13,604	523
Eisenhart Bros.	B3	73.4	89.0	13,968	522
Elwood T Krick	B3	83.4	90.2	13,767	522
Jacob Brubaker	B3	54 3	84 8	14,678	521
John C Krone	B3	41.4	85 8	14,924	519
Carl Anderson	B3	59 0	83 7	13,861	518
Desot & Robt Burchett	B3	107.5	88 8	14,515	514
John D Adams	B3	74.1	84 0	14,139	513
Philip R Stambaugh	3	58.5	87 0	13,644	513
David L & Chris Druck	B3	72 5	79 6	16,238	512
Dennis L McWilliams	3	59.3	84.5	15,310	509
David V Thompson	B8	79 8	79.0	13,344	509
Donald Lanius	B2	88 6	85.6	10,626	508
William H Fantom	B3	63 1	83.9	13,527	508
Albert Neufeld	B3	107.9	83.6	13,556	508
Ramsey S Cooper Jr	B3	64.4	85 4	14,328	507
John H Doll Jr	B3	34 5	86 2	15,532	505
Deal Holsteins Farm	B3	105.7	86.2	13,535	504
Robt Baumgardner Jr	B3	54.0	82.0	14,042	503
Furnace Creek Farm	3	112.9	85 9	14,518	502
Charles Herr & Son	B3	49.4	85 8	13,703	501

OWNER NAME or NO.	BRD	AGE CALVING	DAYS IN MILK	MILK LBS.	% FAT	FAT LBS.
Geo Knight						
Jessica	3	10-11	305	20,915	3.6	760
Elv	3	7-7	305	44,024	4.3	1906
Diane	3	7-1	305	25,865	3 4	880
RUBY	3	5-9	305	24,872	3.9	958
34	3	6-1	274	18,682	3.9	735
42	3	5-2	286	14,893	3.8	560
128	3	5-0	245	15,439	3.3	513
113	3	4-5	305	20,861	3,7	765
111	3	4-10	305	18,756	4.3	800
20	3	5-10	282	19,245	4.0	776
251	3	0-0	305	24,540	3.3	804
Amollie	3	3-7	305	22,203	3.1	679
ET-80	3	2-3	305	19,732	3.1	618
Ella-J	3	1-11	305	16,759	4.1	688
Ann	3	6-6	305	27,174	3.9	1052
Valent	3	13-10	235	16,262	4.1	667
Emory & W. Kilgore						
30	3	10-10	305	14,351	3.5	506
40	3	8-6	305	13,879	3.7	515
32	3	10-0	305	15,478	3.5	537
1	3	3-4	305	15,310	3.3	501
David V Thompson						
P-39	3	4-6	299	18,174	3.8	684
Horns	3	4-10	280	15,087	4.0	601
P-59	3	3-2	267	13,613	4.0	551
William H Fantom						
Myr	3	7-9	298	13,920	3.7	510
Alta	3	7-2	305	17,902	4.1	728
Peggy	3	5-6	286	14,039	4.2	594
50	3	4-5	305	19,595	4.3	833
Ellis Crowl						
104	3	0-0	305	21,834	4.0	873
5	3	4-3	305	18,103	4.3	779
32	3	3-4	295	16,635	4.1	678
84	3	2-4	281	12,929	4.1	529

(Turn to Page D23)

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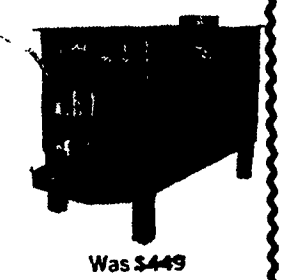

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York Co. DHIA

(Continued from Page D22)

Donald Lanius						
Pet	2	9-4	305	13,143	4 7	615
SJE	2	4-6	305	11,997	4.5	544
Dilly	2	4-5	305	12,858	5.6	725
Princes	2	3-11	305	11,896	4 6	548
Gina	2	3-8	305	9,878	5.2	516
Shirl	2	3-2	305	11,457	5 0	574
Nettie	2	3-3	305	11,357	4 8	540
Sinking Spring FM Inc						
Candid	3	4-5	305	15,914	4.5	715
Opal	3	4-2	305	19,840	3.5	690
PJANIS	3	3-3	281	18,648	2 9	543
Rutter Bros						
Love	2	4-3	305	11,985	4.6	552
Buffy	2	2-6	305	14,103	4 2	592
Pam	2	2-1	293	11,512	5 2	603
Beshore Farms						
FEB	3	7 8	305	25,724	2 9	755
Nora	3	6-8	289	20,172	3 7	753
Beauty	3	5 3	283	16,706	3 4	573
Eve	3	2 8	305	19,237	3 4	655
Leroy Hertzler						
Bino	3	7 2	305	17,237	3 7	633
SUEY	3	2 1	305	11,261	4 5	502
Marie	3	2-0	305	13,887	3 7	508
Harold Brown						
Panda	3	12-3	233	16,269	3 4	560
Bird	3	9-8	305	14,124	4.5	632
Sabrina	3	7-11	305	19,426	3 0	590
Bonnie	3	7-11	299	16,750	3.1	522
Adella	3	5-9	278	15,605	3 5	545
Korine	3	4-5	259	15,403	4 5	695
Snooks	3	4-2	305	18,193	3 4	626
Gum Tree Farm						
Zeus	3	7-1	305	18,594	2.9	541
Abby	3	6-3	305	16,584	3 8	626
Cream	3	4-2	301	17,043	3.1	521
Cutie	3	4-0	302	18,949	3.5	655
Albert Dehoff						
154	3	7 1	305	16,204	3 6	580
202	3	5-10	293	13,621	3.9	530
226	3	5-1	305	15,946	3.9	629
231	3	5-3	300	16,657	3.2	531
286	3	4-2	305	15,337	3.4	525
287	3	4-2	305	16,573	3 5	575
293	3	4-0	300	13,026	4 2	541
289	3	4-3	272	13,932	3.6	505
292	3	4-2	305	15,200	3.5	538
324	3	3-2	305	16,468	3.3	551
319	3	3-2	305	15,842	3 9	618
316	3	3-2	305	14,605	3.8	558
323	3	3 2	305	17,283	4 1	716
326	3	2-11	305	16,235	3 8	609
329	3	2-10	305	17,541	3.3	585
331	3	2-9	296	13,389	4.3	578
337	3	3-0	305	14,528	3 7	535
Elwood I Krick						
Brangy	3	6-10	305	16,678	3.3	549
Ruth	3	5-1	305	14,191	3 8	544
Cheryl	3	5-8	305	16,116	3 6	575
Nellie	3	8-0	305	17,578	3.7	656
15	3	3 8	305	13,194	3 8	505
18	3	3 4	305	15,586	3 5	546
Blaze	3	3-11	305	16,105	3 6	587
Buttons	3	2-8	305	14,978	3 9	580
75	3	0-0	305	13,979	3 6	509
The J E Baker Co						
11	3	7-1	303	18,086	4 0	730
103	3	5-6	305	18,742	3.8	714
Fred Sprenkle						
Flash	3	7-11	305	16,947	3 5	589
Purr	3	3-3	289	17,808	3.0	543
Ness	3	3-3	272	16,228	3.4	546
Ad	3	2-10	305	14,531	3.7	539
Doug & Gene Kilgore						
Farrah	3	7-2	305	27,351	3 2	879
Lilly	3	5-5	305	12,172	4 6	554
Thomas A Boyer						
Bonita	3	5-2	305	19,915	4.4	870
Delight	3	5-2	305	27,050	3.5	954
Dainy	3	2-11	287	20,621	3.5	730
Dapples	3	3-2	286	14,725	4.2	619
Nicki	3	3-6	305	17,544	3.8	658
Eloise	3	2-0	290	15,562	3.7	579
Earl Fuhrman						
Bonita	3	10-2	305	24,637	4 0	980
Kabena	3	6-7	305	19,342	3 9	759
Lolo	3	2-8	305	14,351	3 6	521
Furnace Creek Farm						
Lisa	3	7-4	295	12,790	4 2	542
Jennell	3	5-0	305	19,689	3 4	676
Lucile	3	3-11	278	17,880	3 0	538
Teri	3	3-7	292	12,643	4 2	537
Lilly-A	3	3-1	305	13,672	4.0	548
Jill-A	3	3-6	305	14,215	3 6	511
HS & RE Fetrow						
Supreme	3	3-3	305	22,283	3.4	753
Cheerio	3	3-2	305	22,070	3.7	806
Becky	3	2 9	305	13,489	4.4	590
Clara	3	2-5	305	15,593	4 1	634
Jajean	3	2-5	305	19,951	3 2	641
Rodman C Thompson						
Aim	3	6-4	305	18,728	3.6	665
Alma	3	5-11	305	22,143	3.1	697
Hallie	3	4-3	305	16,979	3.6	616
Ilona	3	3-0	305	17,679	3.2	573
Veery	3	2-3	305	15,022	3.9	581
JH & MB Hushon						
52	3	6-1	291	14,979	3 5	527
95	3	6-5	305	16,993	3 7	627
85H	3	5-5	305	18,773	3 3	626
67H	3	4-1	305	16,754	3 8	645
15H	3	4-0	305	23,299	3.1	723
133H	3	4-1	305	20,986	3.9	808
7H	3	4-6	275	16,020	3.9	629

(Turn to Page D24)

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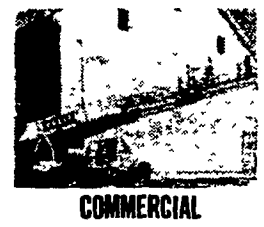

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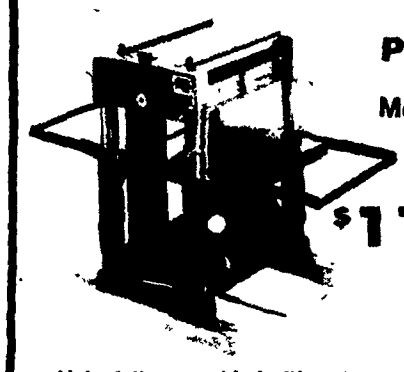

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- Compact design, easily transported
- 2HP, single phase, 115V motor included

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SPEED	6500 R.P.M.
DIMENSION (WxHxL)	22½"x28-1/8"x 40-3/8"
NET WEIGHT	254 lbs.
PLANER	
MAX. CUTTING WIDTH	15-5/8"
MAX. THICKNESS	¼"- 7-5/8"
FEED RATE	29.5 ft/min.
NO. OF KNIFE	2
TABLE DIMENSION (WxL)	15-5/8"x23-5/8"

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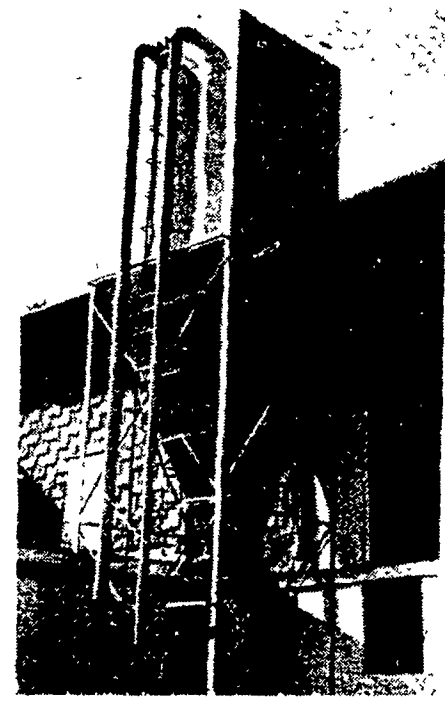

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York Co. DHIA

(Continued from Page D23)

101H	3	3-11	298	12,730	40	506
86H	3	3-4	297	17,147	34	585
111	3	2-3	305	14,669	39	577
Adrian Rinehart						
208	3	4-2	301	19,559	38	741
234	3	3-3	305	16,569	33	539
236	3	3-5	299	16,526	31	520
239	3	2-11	305	17,112	49	830
240	3	3-1	268	11,188	49	546
266	3	2-0	305	16,159	35	571
268	3	2-2	305	17,021	37	635
270	3	1-11	303	13,714	40	544
272	3	2-4	305	13,356	41	545
274	3	1-11	305	13,236	4.1	539
276	3	2-3	305	18,634	3.3	609
277	3	1-11	305	13,883	3.8	526
279	3	2-2	305	16,487	38	633
RR & MR Stewart						
Beauty	3	9-0	305	15,389	35	532
Jennete	3	3-1	305	20,489	36	746
Smysers Richlawn Fms						
Audrey	3	8 11	305	30,273	35	1059
Darcy	3	6-10	305	27,303	35	947
Pebbles	3	6-6	305	23,154	35	810
Ester	3	6-3	305	24,485	35	855
Julia	3	5-1	305	20,547	38	778
Deb	3	4-0	305	23,360	33	775
Amy	3	3-8	305	28,379	35	980
Vickie	3	3-4	305	30,256	35	1056
Edith	3	3-5	305	29,760	28	823
Jessie	3	2-0	305	16,569	45	743
Kris	3	2-2	305	21,017	35	730
Annabel	3	2-4	305	16,969	35	590
Sarah	3	2-3	293	19,691	35	694
I Edwin Johnson						
Connie	3	5-8	301	18,464	37	690
Hodel	3	4-3	305	17,025	31	534
Gilda	3	4-2	300	18,575	37	690
Cocoa	3	3-2	273	14,090	38	540
Leroy Bupp						
Becky	3	3-4	305	15,759	34	536
Bess	3	3-0	300	14,845	3.4	506
Mim	3	2-4	305	16,585	33	547
Bambi	3	4-9	305	18,448	39	713
Hidden Springs Farm						
Harmony	3	5-3	251	16,021	39	631
Winifer	3	4-0	300	14,730	42	625
Freedom	3	3-1	3-5	16,398	36	587
Dennis L. McWilliams						
31	3	7-6	305	20,403	31	636
16	3	5-4	305	17,882	32	573
408	3	5-8	305	22,192	33	743
235	3	6-7	305	19,354	34	658
5	3	3-6	305	18,816	33	622
Palmer McWilliams Jr						
84	3	5 9	305	16,920	39	663
38	3	3 8	305	18 111	35	638
Dennis J Myers						
Dora	3	7 1	290	14 743	37	539
80	3	5 6	305	19 720	41	809
Titus & Merle Walker						
5270	3	9 0	241	12 760	46	588
5112	3	8 7	305	17,153	41	704
4383	3	5 2	305	17,925	33	597
4867	3	4 10	279	17,274	43	736
0852	3	2 3	305	12,816	41	524
4595	3	2 6	296	13 890	38	526
C Robert Kilgore						
Betsy	3	6 3	305	21,804	30	659
Boots	3	5 0	291	18,166	36	649
Dina	3	4 2	305	17,949	31	556
Missy	3	3 5	305	17,474	37	642
Philip D Laughman						
Quincy	3	7 6	305	19,976	31	626
Farrah	3	4 6	305	21,787	36	782
Purity	3	3 6	288	15 366	36	556
Philip R Stambaugh						
Jamie	3	3 9	279	13 741	37	502
Paul R King						
Jana	3	9 0	305	22,479	41	926
Glitter	3	8 11	305	19,232	44	841
Roxie	3	6 11	305	24,591	37	907
R Jac	3	7 2	305	18,935	40	762
Lucy	3	8 2	305	19,232	43	833
Joker	3	6 3	305	26,675	36	972
Jazz	3	4 9	305	19,906	38	762
Wayne B Mummert						
34	3	6 10	299	14,892	42	623
18	3	5 1	284	20,088	37	738
100	3	4-2	305	18,600	38	700
85	3	4-0	305	20,269	38	773
49	3	3 0	286	17,530	33	587
41	3	2 1	305	17,753	38	666
Desota & Robt Burchett						
37 H	3	4 2	305	19,580	35	683
13 H	3	3 4	305	14,359	39	562
23	3	3 0	305	18,480	36	663
100	3	3 0	305	15,007	41	613
Dale & Darla Doll						
Cora	3	9 1	305	15,889	38	599
Peggy	3	6 7	305	15,281	35	541
D Fantom & E Gordon						
Doris	3	8 0	305	12,782	41	521
Ann	3	5 11	305	17,118	34	580
Darcy	5	4 2	305	16,984	45	767
Lynn Wolf						
Icy	3	3 0	305	22,033	42	926
Ickey	3	3 1	305	27,374	29	807
Judith	3	2-0	305	17,234	36	629
Janie	3	1 10	305	17,311	40	700
Jessie	3	1-11	305	14,183	41	588
Joanna	3	1 10	305	17,748	41	720
Ramsey S Cooper Jr						
Lori	3	5 1	253	15,665	33	518
Biddy	3	8 2	305	18,867	39	735
Robert J Reheard						
Candy	3	4 7	305	16,126	34	546
Melvin R Lehr						
42	3	6 7	305	21,168	34	718
5	3	5 1	287	16,016	42	675
33	3	4-4	292	19,068	39	735
Horace E Heindel						
200	3	7 5	305	22,331	35	790
173A	3	7 3	305	14,688	39	570
21A	3	6-6	305	23,301	32	737
24A	3	7-0	305	18,375	3.8	703
27A	3	6-8	278	17,581	4.4	770
35A	3	4-11	297	16,238	3.8	623
71A	3	4-2	305	22,446	34	765
164A	3	3-0	288	16,912	30	500
7A	3	2 7	305	16,423	36	589
Carl Anderson						
32	3	12 7	305	15,408	38	580
19	3	7 5	305	19,077	32	617
31	3	6-1	305	17,750	3.4	611
37	3	4-3	305	17,167	34	579
108	3	5-4	289	15,358	40	610
Elvin R Deiter						
Helen	3	12-6	295	13,686	38	522
Marjon	3	7-4	305	18,489	34	632
Narcissus	3	6-2	305	16,141	3.5	569
Poppy	3	4-8	305	15,845	35	560
Peggy	3	4 8	305	13,958	45	623
Quince	3	3 9	305	13,815	39	542
John H Doll Jr						
Lee	3	5 0	292	18,654	31	586
Charles Herr & Son						
Sandy	3	6 5	305	18,125	36	658
Betty	3	5 0	305	17,388	38	667
Wayne L Sweitzer						
Mic	3	4 3	305	14,920	38	566
Tony	3	5-3	305	20,547	3.9	797
Zee	3	2-2	305	16,782	33	546
Cindy	3	2-1	305	15,266	33	508
Jessie	3	2-4	305	15,069	3.9	584
Isabel	3	3-9	305	21,159	3.3	706
Kenneth L Rexroth						
55	3	8 2	305	21,875	33	722
17	3	0-0	305	18,025	3.9	700
84	3	5-11	305	20,580	3.3	687
108A	3	4-0	305	16,197	44	713
44A	3	3-10	305	15,638	39	615
41A	3	4 2	305	19,800	36	717
Donald Wilson						
5	3	7 4	305	13,836	4.2	577
44	3	0 0	280	11 972	42	506
Richard E Stough						
Wendy	3	10 3	305	17,251	40	698

(Turn to Page D26)

NEW JOHN DEERE "50" SERIES
"RIDE AND DRIVE" DEMONSTRATIONS
— 10 am to 3 pm —
Tuesday, November 2
Wednesday, November 3
Rain Dates - Thursday, November 4
Friday, November 5
AT
DEMONSTRATION SITE
On Rt. 41 South. Located ½ Mile South Of The Rt. 10, Rt. 41 Crossing, At Cochranville.
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for Pennsylvania

SOLVING PROBLEMS FOR TODAY'S FARMER

"WHY SHOULD EXCESSIVE ESTATE TAXES CAUSE MY FAMILY TO LOSE OUR FARM?"

Senator John Heinz understands the unique problems of small farmers. Recently,Senator Heinz supported amendments to the 1981 Economic Recovery Tax Act. The revisions will assist farmers to meet their debt requirements when the owner of the family farm unexpectedly dies.

Under the revised legislation, tax exclusions will be gradually raised from the old provision of $175,000 in 1981, up to a $600,000 exclusion by 1986. In addition, spouses were given a 100% exemption from estate taxes. "There is no reason why hardworking farmers should be forced to foreclose" said Senator Heinz.

"WHY SHOULDN'T I RECEIVE A FAIR PRICE FOR MY PRODUCT?"

Senator Heinz believes that a primary problem for Pennsylvania farmers is that they are penalized for being **too** productive. American farmers have the capacity to feed the world, but American farmers suffer restricted access to foreign markets.

Senator Heinz introduced legislation to establish the principle of reciprocity in our foreign trade dealings. This legislation will force countries which have erected unfair trade barriers against the United States to open their doors to more American agricultural products.

PENNSYLVANIA FARMERS FOR HEINZ

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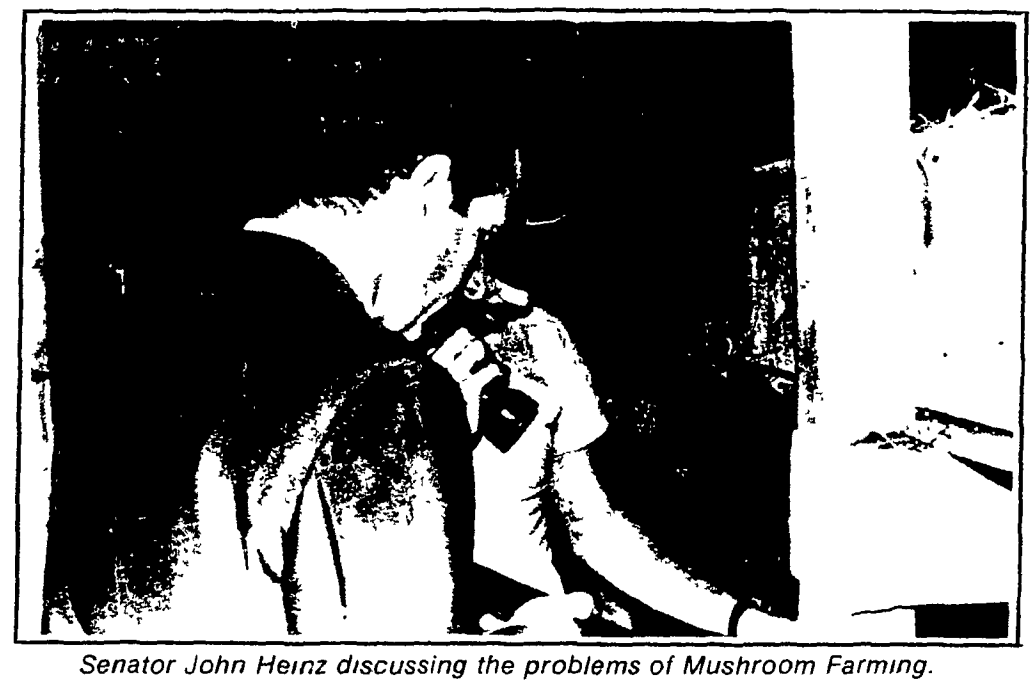
LEE D. KUMMER
LEON H. WILKINSON
MARIAN BRENNEMAN
WILLIAM R. RINGLER
RICHARD PALLMAN
HERBERT ZEAGER
MYRON LUDWIG
NELLIE CRAWFORD
CARLYN RUTTER
GEORGE R. GREGG
DENNIS L. GRUMBINE



Senator John Heinz discussing the problems of Mushroom Farming.

RE-ELECT A SENATOR WHO LISTENS TO FARMERS. JOHN HEINZ — GETTING THE JOB DONE FOR PENNSYLVANIA FARMERS.

Paid for by Pennsylvania Ag Republicans

York Co. DHIA

(Continued from Page D24)

Rachel	3	4-4	305	17,552	3 7	654
Mable	3	6 3	305	19,344	3 4	650
Rick L Cook						
Party	3	5 2	305	21,908	3 7	820
Comet	3	2 11	305	21,698	3 3	707
Betsy	3	2 2	305	17,124	3 4	580
Beth	3	2-0	305	17,307	3 4	591
J Donnell Taylor						
Sarah	3	3 0	264	15,976	3 3	531
Barrett	3	2-1	305	14,344	3 6	521
Bupplynn Farms Farm2						
74	3	3-0	305	14,490	3 9	564
84	3	5-3	305	20,512	3 4	704
80	3	1 11	305	15,455	3 8	581
Elvin G Molison						
13	3	11 1	247	17,501	3 3	580
36	3	7 3	193	15,921	3 2	505
72	3	7 0	286	17,403	3 9	687
71	3	6 9	305	19,607	3 7	726
94	3	6 2	297	18,608	3 4	634
23	3	5 7	305	18,783	4 2	782
110	3	4 8	305	15,508	4 2	653
116	3	3 2	305	12,611	4 3	542
152	3	2 2	305	15,781	4 2	660
155	8	2 2	305	16,115	3 4	543
156	3	3 3	305	15,388	3 7	567
157	3	2 2	305	14,691	4 0	588
Daryl L Bair						
Charlen	3	7 4	305	22,921	3 8	866
Brenda	3	5 9	305	18,668	3 6	669
Connie	3	6-3	305	20,141	3 3	671
Voni	3	4 0	305	20,174	3 3	662
Regina	3	5 5	305	20,071	3 2	640
Bonnie	3	3 3	305	16,690	3 4	561
Betty	3	3 4	305	16,712	3 2	536
John D Adams						
7	3	5 8	260	17 557	3 1	544
32	3	4 7	277	16,604	3 1	512
Smokey Hollow Farm						
72	3	5 0	234	14,896	3 8	569
69	3	4 6	305	19,426	3 3	635
68	3	4 1	305	17,898	3 2	567
Honeycrest Fm						
Georgan	2	8 4	305	12,251	4 5	557
Princha	2	8 6	305	15 700	4 6	716
Althena	2	7 1	217	11 320	4 6	525
H Cirbe	2	6 0	299	17,583	4 8	841
Jill	2	6 7	305	18,483	4 0	748
112	2	3 11	305	12,912	4 3	550
Genie	2	1 9	302	14 905	4 0	600
Mervin W Hertzler						
Flower	2	6 7	305	13 591	4 9	660
Melody	2	3 3	305	12,086	4 4	533
Fonda	2	2 2	305	14,732	3 8	565
Yvonne	2	2 4	304	10,943	4 6	504
Cabrial	2	2 3	305	12,527	4 4	551
Leonard W Greek						
Brett	3	6 2	305	17,433	4 3	747
Kandy	3	3 5	305	18,015	3 9	695
Gary W Thoman						
59	3	4 8	305	16,133	3 7	589
45	3	5 1	305	18,364	3 5	650
36	3	4 2	305	15,855	3 8	605
Lucky	3	4-0	295	12,695	4 1	517
				16 733	3 7	
Design	3	5 0	305	19,660	3 7	736
Jody	3	3 5	305	15,539	3 9	611
B Robert Charles						
Bonnie	3	6 5	263	17,028	3 5	593
Cameo	3	5 3	299	19,450	3 2	630
Donna	3	4 9	305	16 512	3 6	591
Freida	3	2 11	282	17 763	3 2	569
Flicka	3	2 3	305	15,429	3 4	523
Fashion	3	2 0	305	17,491	3 7	642
R & M Farms						
9 H	3	5 0	291	13 004	3 9	510
Laverne & Judith Hess						
49	3	5 10	305	15 353	3 6	558
67	3	4 0	305	14 422	3 8	548
Eugene B Taylor						
Judy	3	5 1	305	17 666	3 5	618
Sharon	3	4 6	305	13,692	4 0	552
Clarence E Bange						
Lucinda	3	6 1	305	14 938	3 8	570
Robert W Mays						
53	3	6 2	305	17,691	3 4	594
31	3	5 11	285	16,565	4 5	748
65	3	5 1	301	18,237	3 4	620
23	3	8 10	291	16,972	3 5	598
10	3	4 1	293	16,082	4 4	701
14	3	3 8	305	16,047	3 3	535
78	3	3 0	290	13,282	4 1	545
17	3	2 1	305	15,794	3 5	550
David L & Chris Druck						
15	3	5 0	305	21,204	2 9	618
18	3	7 0	296	17,000	3 6	615
46	3	5 0	305	19,456	3 6	707
55	3	9 0	276	16,588	3 4	563
171	3	5 8	305	19 485	3 3	645
49Y	3	3 2	305	16 234	3 4	560
111	3	6 1	292	17,986	3 4	619
114	3	0 0	294	17,038	3 7	628
Dale L Barshinger						
5	3	5 7	305	19 838	3 8	752
69	3	8 2	289	19 170	3 7	712
Albert Neufeld						
9	3	5 0	295	16 422	3 5	567
14	3	6 11	305	17,672	3 8	680
74	3	7 0	305	14,731	3 6	530
108	3	7 0	305	14,974	3 4	502
154	3	4 0	361	23,060	3 5	808
Robt Baumgardner Jr						
17	3	5 1	270	13 410	4 4	595
13	3	4 3	305	19,136	3 4	656
Nancy	3	8 0	305	16,562	3 5	576
Big I Holsteins						
13	3	4 9	298	18,029	3 4	619
47	3	6 1	305	16 160	3 5	570
Scratch	3	5 8	305	12,955	4 0	522
Adell	3	3 0	305	20,921	3 2	676
19	3	3 0	305	21,825	3 1	669
Gay	3	3 1	282	21,441	3 9	625
48	3	3 1	305	20,287	3 7	743
Jasmin	3	3 3	302	13,789	4 2	579
Amber	3	3 2	305	18,658	3 4	632
Missy	3	2 1	305	19,524	3 5	686
Dandy	3	2 5	305	18,931	3 2	602
Jacob Brubaker						
29	3	5 6	305	22,424	3 3	741
52	3	3 3	305	14 797	3 7	547
Charles Hess						
8	3	8 0	305	16,295	3 6	579
150	3	5 11	305	12,970	4 0	518
27	3	5 2	305	15,070	3 6	539
1	3	5 2	305	17,025	3 9	662
John C Krone						
Beauty	3	5 8	300	19,112	3 2	619
Lolly	3	5 8	289	15,579	3 3	511
Joan	3	4 9	305	15,971	3 5	558
Tammy	3	3 2	295	16,931	3 3	566
Walkers Farm						
202	3	5 0	293	17,792	4 2	756
886	3	2 11	305	16,579	4 0	668
22	3	1 11	305	14,599	3 4	500
Leland Stanford						
74	3	4 2	304	17 231	3 3	561
Perrydell Farms						
39	3	4 0	304	18,215	3 6	647
48	3	5 0	305	13,408	4 3	572
71	3	4 0	305	17,391	3 5	611
142	3	4 0	292	18,580	3 7	685
180	3	6 0	305	15,998	3 9	630
183	3	7 0	305	22,431	3 7	832
199	3	7 0	296	20,024	3 6	728
221	3	5 0	299	19,593	3 5	682
161	3	3 0	296	22,378	3 1	684
Robert Buser						
35	3	5 1	305	19,673	3 5	697
59	3	4 1	274	18 750	3 0	570
70	3	5 1	305	17 530	3 1	540
37	3	3 4	305	16,596	3 5	583
David Stewart						
Joy	3	6 4	305	27 492	3 4	939
Dawn63	3	5 4	305	22 979	3 7	852
Mazie85	3	5 1	305	22 839	3 3	753
Richard Stamer						
Cillah	2	3 7	305	14 351	3 9	557
N Nora	2	3 2	305	11 593	4 5	526

(Turn to Page D27)

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Model	BTU/hr	Area Capability
S 130	130,000	4,000 Sq. Ft *
S 260	260,000	8,000 Sq. Ft *
S 500	500,000	15,000 Sq. Ft *
S 1000	1,000,000	30,000 Sq. Ft *
S 1500	1,500,000	45,000 Sq. Ft *

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York Co. DHIA

(Continued from Page D26)

Walnut Hill Farm						
Sarah	3	4 0	303	20.102	3 4	680
Venessa	3	3 0	269	18.493	2 8	516
Ellie	3	2 3	305	15 545	3 6	558
Fawn Meadow Holstein						
11	3	6 1	305	22 565	3 4	/69
77	3	5 4	305	18.402	3 2	588
32	3	3 /	275	13.664	4 0	548
66	3	3 1	278	13.607	3 9	535
/8	3	2 4	305	13./4/	4 3	593
1/4	3	2 9	305	16 356	3 1	511
114	3	2 2	305	15 /73	3 4	539
131	3	1 11	305	15.666	3 5	547
24	3	2 2	301	17 483	3 4	592
My T Farms						
2	3	/ 0	305	19 202	3 /	/18
30	3	6 1	287	12 578	4 1	511
David Gemmill						
995	3	0 0	295	12 960	3 9	509
210	3	0 0	305	17 663	3 /	654
/3	3	4 11	305	16 419	3 6	599
112	3	0 0	305	16 385	3 /	610
58	3	0 0	305	18 02/	3 3	589
Double D Farm						
L 14	3	11 0	305	19 161	4 0	/62
D 10/	3	/ 0	305	17 400	3 9	683
D 11/	3	6 0	305	22.143	3 /	810
D 159	3	1 11	305	14.061	3 /	524
D 162	3	1 11	305	16 928	3 /	618
Dale Clymer						
Janice	3	6 4	305	16 /25	4 0	664
Elsie	3	4 0	304	13./71	3 8	527
Patty	3	4 0	305	14 751	3 6	527
Bonnie	3	3 2	305	13 229	3 8	506
Deal Holsteins Farm						
65	3	4 3	305	16 405	3 /	608
208	3	5 6	238	11 839	4 4	516
229	3	9 4	305	17 201	3 1	538
Barrens View Fm						
Jamie	3	4 2	291	16 39/	3 5	573
Sherrie	3	/ 0	305	15 20/	3 4	512
Cool Branch Farm						
Janet	3	4 /	305	16 149	3 5	560
Crazy	3	6 0	305	20 062	3 3	671
John P Bortner						
37	1	/ 0	294	13./37	4 2	573
38	3	0 0	294	20 622	3 5	/20
5	3	0 0	281	15 428	3 6	558
18	3	2 0	305	16.378	3 /	610
David M Ellig						
/	3	9 10	305	13 149	4 5	590
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41	3	5 11	305	18 431	3 6	656
23	3	5 10	305	12.865	4 8	615
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McRal Dairy Farm						
404	3	6 9	305	15 694	4 8	/5/
43/	3	5 9	305	23 158	3 5	819
463	3	5 0	305	20 182	4 4	885
163	3	2 2	305	15 435	3 3	517
164	3	2 2	305	16 019	3 6	571
165	3	2 1	305	14 992	3 6	545
179	3	2 6	305	17 688	3 3	584
186	3	2 2	303	17.392	3 0	526
188	3	2 3	305	15 013	3 6	539
William Ruppert						
Hector	3	11 2	305	22 959	3 3	/5/
Model	3	11 9	305	14 51/	4 2	60/
Heddy	3	9 6	305	21 390	3 1	660
Lady	3	5 2	305	20 956	4 0	84/
Bonnie	3	6 /	305	21 311	3 /	/9/
Laura	3	8 11	281	17,388	3 8	66/
Eisenhart Bros						
22/	3	6 8	293	13,910	4 4	614
27/	3	3 11	305	17,225	3 8	651
315	3	2 6	300	14 414	3 8	546
Wayne E Myers						
Pepper	3	9 9	305	18,519	3 8	/10
Jenny	3	13 9	305	22,818	3 9	899
Gretel	3	9 /	305	21,532	3 1	66/
Nat	3	9 4	305	21,070	3 /	/81
Melody	3	4 0	305	15,812	3 5	551
Vickey	3	4 0	305	23,469	3 6	838
Canary	3	2 11	305	19,619	3 9	/5/
Sabrina	3	3 1	305	20 431	3 5	/16
Reva	3	8 4	293	20 /56	3 6	/41

Will it pay to store new grain?

NEWARK, DEL. — Spot cash grain prices for harvest delivery Oct. 12 ranged from $2.16 to $2.25 a bushel for corn and from $5.02 to $5.15 a bushel for soybeans. For many farmers, these prices mean returns just below the total cost of growing each crop. They're also well below prices needed for a profitable return to management, says University of Delaware Extension crops marketing specialist Carl German.

Under the circumstances, farmers must make some tough decisions on how to market the part of their corn and soybean crops which remains unpriced at harvest. The question is whether to sell now or store for later sale.

Assuming an average cost of production this year of $220 an acre for corn, at 100 bushels an acre a farmer needs to get $2.20 a bushel to break even. At 80 bushels an acre, the break-even price rises to $2.75, while at 150 bushels an acre it is only $1.46.

There's no risk-free answer as to which approach is better — to sell or store, but German offers some suggestions to help growers arrive at a decision.

"I'd elect to store grain only if I didn't like the current price and if indicators were for an increase in price," he says. "Signs are in favor of one, but will it be enough to cover the added cost of storage and permit a profit?"

To find this out, compare the present cash price with the cost of storing grain until prices may improve. "Your decision should be based on what is likely to happen between now and July futures, since you usually have the greatest price spread between the furthest months. This will give a good indication of the profitability of storage," German says.

Storage costs include extra drying and shrink, interest on the value of the crop, and direct storage expenses.

Assuming a 1.3 percent shrink factor and drying costs of 1.5 cents per point of moisture removed, it will cost 4.3 cents a bushel to reduce the moisture level of corn from 15.5 to 14.5 percent. At 15 percent interest, it will cost 21.6 cents a bushel to hold $2.16 corn for eight months. To store it in commercial facilities will cost about 24 cents a bushel. This brings the total off-farm storage cost to 49.4 cents a bushel over that period, German says.

July corn futures were $2.56 as of Oct. 11, indicating a 40 cent return to storage. This is about 9.4 cents a bushel shy of recovering full storage costs.

Assuming a 1.2 percent shrink factor for soybeans and drying costs of 1 cent per point of moisture, it will cost 7 cents a bushel to reduce the moisture level from 14 to 13 percent. At 15 percent interest, it will cost 50.2 cents to hold a bushel of $5.02 soybeans for eight months. Commercial storage adds another 24 cents to the cost. This brings the total off-farm storage cost to 81.2 cents a bushel over that period.

July soybean futures were $5.08 as of October 11, indicating a 78 cent per bushel return to storage. This is 3.2 cents shy of recovering full storage costs, the economist says.

"If you're already short on production costs by a dime at harvest, you have to ask yourself, is it worth the risk of losing another dime by storing my grain, especially off the farm? Cheap on-farm facilities already in place and paid for could make storage a more desirable alternative," German says.

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Here's how to market rabbits

UNIVERSITY PARK — "Each rabbit producer should spend at least one hour per day in an effective marketing activity," says Herbert Jordan, Extension poultry specialist at Penn State.

"Rabbit growers with several dozen breeding does must spend several hours per day marketing rabbits," he claims, noting this time may include servicing customers and product marketing.

Effective marketing requires a product or service to be offered to the consumer in the quality, form, condition, size, color, package and at the time the consumer will buy it, says Jordan.

"Live rabbits, rabbit meat, and products made from rabbits are not well known or accepted by the general public. So a big part of any marketing program is introducing people to rabbit," he says.

Over the past forty years in Pennsylvania, 40,000 4-H club members have bred and raised over one million rabbits for pets, meat, show, pelts. Adults in Pennsylvania breed, raise, eat or sell over one million rabbits per year.

Marketing rabbits

Each area of marketing should be examined separately. The marketing areas are as follows:

Young rabbits are usually marketed at 4 to 8 weeks of age for laboratory purposes. To obtain laboratory markets, a person must contact pharmaceutical companies, hospitals, research and testing laboratories, colleges and universities and other companies or institutions that may keep a colony house of rabbits.

A USDA license is required to sell rabbits for laboratory animal purposes, and are obtained through the Animal and Plant Health Inspection Service office. In Pennsylvania, APHIS is located at 2301 N. Cameron Street, Harrisburg, PA 17110. A laboratory rabbit should meet the following criteria:

- It must be healthy and fed properly to be in good body and pelt condition.
- If the rabbit is going into a wire cage, indoor rabbitry it should be kindled, born and raised in the same type environment. Rabbits going into cages should be raised in cages.
- The rabbit should not be too fat or too thin but have the right proportion of meat, bone, fat and fur.
- The rabbit should have a recorded pedigree so that you can advise buyers of the genetic potential or character of the rabbits.

Young rabbits for meat represent one of the largest markets a rabbit grower can tap, says Jordan.

Meat markets usually use fryer rabbits between 6 and 9 weeks old. The fryer rabbit should be sold just as it reaches 80 to 100 percent of mature weight or precisely at the weight the consumer demands.

Rabbit meat should be chilled to 32F and held there while being transported or displayed for sale. Fresh rabbit meat should be butchered and kept chilled at 32F fresh every week.

If rabbit is to be aged more than one week in storage, transit or display case, it should be frozen. Freezing rabbit should be done at 20F below zero after it has been iced and chilled for two days.

The package of fryer rabbit must be attractive, cut-up, clean, fresh and chilled to near 32F to be purchased for $.90 to $1.89 per pound. If production and processing costs are low on a litter or two of rabbits, place them "ON SALE" for 50 to 90 cents per pound.

"Professional meat retailers say low price sales two or three times a year sell a lot of product," says Jordan. "A sale will also help you introduce fryer rabbit to a non-rabbit consuming public. Marketers of other competitive meats say low-price sales can double or triple the volume of meat purchased each year."

Rabbits as pets can be a good but big business, says Jordan. "You may want to offer to buy back the rabbit at the same price after several weeks if the pet is not wanted any longer," suggests Jordan. "If you enter the pet business never sell to small children who may be cruel to the pet or to adults who may neglect the children who neglect the pet. Each time you sell a rabbit, give rigid instructions as to how it must be cared for — give the instructions to an adult." (In Pennsylvania, it is illegal to sell baby animals to anyone less than 18 years old not accompanied by an adult.)

Rabbit pelts are of interest to many rabbit growers but this is not usually a profitable business "unless you have the right rabbit, at a mature age, the right pelt in the right condition, at the right time and if you have handled the pelt properly," warns Jordan.

Rabbit feet have a limited market among some people in America.

Breeder rabbits can be sold to other rabbit growers. Rabbits should have a pedigree and performance chart on offspring from breeder rabbits or records of full sibs of breeders offered for sale. They should be healthy and proven breeders. Does should be sold if they are good mothers and have a record of raising large litters three or more times a year. They should also be good milkers and produce heavy litters early.

Rabbits-for-show: tips on how to raise and sell these special rabbits for show can be obtained by contacting the American Rabbit Breeders Association, Inc. and doing what they suggest. The address is: American Rabbit Breeders Association, Inc., 1925 S. Main Street, Box 426, Bloomington, IL 61701.

To market rabbits successfully, Jordan suggests the following:

— Spend one hour per day on market development and improvement.

— Compile a list of 25 or more people who buy rabbits and keep it current so you are never without a market.

— Constantly evaluate your market as to growth, rapid payment, and reliability.

— For lab rabbits, get the yellow pages from phone books in all large nearby cities and contact all directors of animal colonies in every hospital, college, university, pharmaceutical company, chemical company, testing lab, research lab or governmental lab where rabbits might be used.

'82 Forage and Seed Conference coming

UNIVERSITY PARK — Forage and livestock producers won't want to miss the 1982 Forage and Seed Conference, Nov. 22 and 23, at Penn State.

The program gets under way at 1:15 p.m. Monday, Nov. 22, in the auditorium of the J. O. Keller Conference Center. Dr. C. R. Krueger, associate director of the College of Agriculture Experiment Station, will discuss "Future Forage Research as I See It."

Two panels will also be featured on Monday's program. One deals with "Making the Most of Our Resources in Pennsylvania" and included talks by Penn State specialists and a Pennsylvania farmer on land and water resources, crop resources, animal manures, and other management tools. The second panel includes a "1982 Alfalfa Countdown" with tips from several 1982 alfalfa champions.

Brassica crops and computers for the farm will be the topics of discussion Tuesday morning. This will be followed by talks on pasture, corn silage, hay crop silage and hay preservation programs, all timely subjects for the forage producer in the 1980's, says Baylor.

Registration for the conference will begin at 11 a.m. on Monday in the Conference Center. Further details including the complete program are available from your county agent or from John E. Baylor, 106 Ag. Admin. Bldg., University Park, PA 16802.

The conference is sponsored by Penn State in cooperation with the Pennsylvania Forage and Grassland Council and the Pennsylvania Seedsmen's Association.

Bentley is USDA ass't

WASHINGTON, D.C. — Orville G. Bentley, dean of the College of Agriculture at the University of Illinois since 1965, was sworn in recently as assistant secretary of agriculture for science and education.

Secretary of Agriculture John R. Block administered the oath.

Bentley, a native of South Dakota, has been active in national agricultural affairs for many years. He was a presidential appointee to the Board for International Food and Agricultural Development, the Agency for International Development, Department of State.

Before joining the University of Illinois at Urbana-Champaign, Bentley was dean of the College of Agriculture and Biological Sciences and director of the Agricultural Experiment Station at South Dakota State University, Brookings.

Bentley earned his bachelor's degree from South Dakota State College in 1942 and his master's and doctoral degrees from the University of Wisconsin in 1947 and 1950, respectively.

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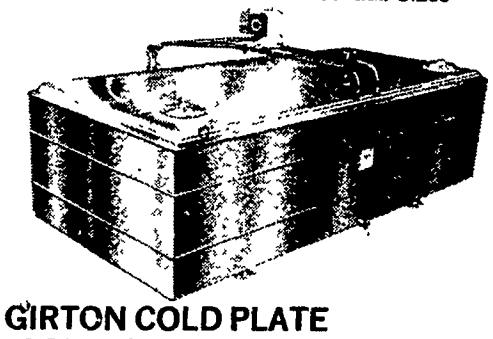

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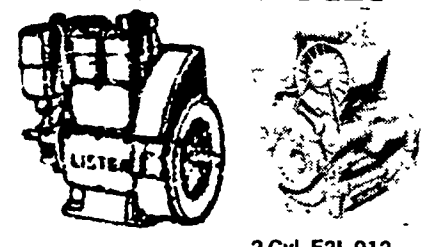

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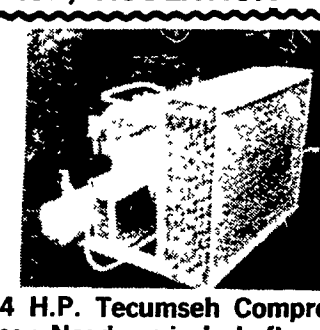

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USDA streamlines test for fruit tree viruses

BELTSVILLE, Md — New "immortal antibody factories" will streamline the search for latent viruses in fruit tree stock and make the diagnoses far more reliable, according to plant virologist Edward L. Halk.

Under a grant from the U.S. Department of Agriculture's Agricultural Research Service, Halk and Hei-Ti Hsu at the American Type Culture Collection in Rockville, Maryland, have recently created the first microscopic antibody "factories" for the fruit tree viruses. According to Halk, they generate an unlimited supply of antibody that can be used for mass-screening fruit tree stock in the laboratory rather than the greenhouse.

With this new source of antibody, State Experiment Stations and nurserymen will have "one of the easiest and most rapid methods for detecting virus," said Halk who conducts part of his research here at USDA's Beltsville Agricultural Research Center.

The ATCC scientists produced the biological "factories" - called hybridomas - for two important fruit viruses. One, prunus necrotic ring spot virus, infects stone fruits — peaches, apricots, nectarines, plums, cherries. (It is also called cherry rugose mosaic virus.) The other is the closely related apple mosaic virus. Both also infect roses.

Several State Experiment Stations provide certified virus-free stock to nurserymen and also furnish a check-up service for nursery material. To screen the stock, most Stations currently graft fruit tree tissue onto indicator plants and wait 6 to 8 weeks for the plants to show symptoms of infection. This indexing technique requires a good deal of time and greenhouse or nursery space, and it only detects the presence of virus, not its identity.

In contrast, the new hybridomas manufacture absolutely pure antibody which can then be used in a highly sensitive test for the presence of a specific virus. With this test — call ELISA (for enzyme-linked immunosorbent assay; — a trained person could screen hundreds of trees in an 8-hour period, Halk said.

ELISA, a relatively new laboratory test for virus detection, is up to 1,000 times more sensitive than other laboratory tests using antibodies and at least as sensitive as indexing, he said. With hybridoma-produced antibody, Halk anticipates that large nursery operations will be testing their own stock in the future.

Halk noted that the state certification station located at Prosser, Washington, is already running large-scale ELISA tests to screen stone fruit, and one or two commercial nurseries are screening rose stock with ELISA. These operations currently get their antibody from rabbit blood serum which may be limited in supply and can vary in composition from batch to batch.

"It's important that growers start off with clean stock," Halk emphasized. Fruit trees can harbor any number of viruses that rob them of vigor and cost growers in yield and profit. In cherry orchards, the necrotic ring spot virus may delay ripening several days and put infected trees out of syncronization with the rest of the orchard. Moreover, cherries and other stone fruits transmit this virus through their pollen, putting the whole orchard at the mercy of infected trees once they come into bloom.

The virus can also be spread via infected seed said Halk. Because of this, there is an interstate and international quarantine on stone fruit seed and stock — not to exceed a 5 percent rate of infection.

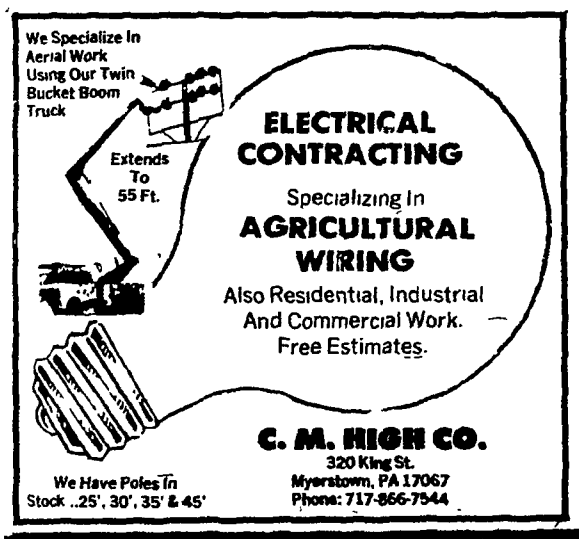
Halk said he and Hsu chose to develop hybridomas for prunus necrotic ring spot and apple mosaic viruses because "we were running out of their antibodies" at the ATCC, part of whose mission is to provide standard sera to research scientists and diagnostic laboratories across the country. Normally, the sera are prepared from rabbit blood, "but these viruses are notoriously poor antibody producers in rabbits," Halk explained. Instead, the ATCC scientists borrowed a biomedical technique that begins with mice.

A hybridoma consists of two mouse cells fused together. One of the cells — taken from the spleen of a mouse that had previously been inoculated with the virus — provides the chemical blueprint for a single antibody to that virus. The other cell — taken from a mouse tumor called a myeloma — provides for the antibody's mass production.

Because of the tumor genes, the hybridoma multiplies rapidly in a synthetic nutrient solution, producing a clone that generates large quantities of the pure (or monoclonal) antibody. What's more, part of the clone can be frozen away and thawed out years later to begin manufacturing the antibody again. "Once you have hybridomas, you never have to go back and make antibody from scratch," Halk said.

He is beginning work on a hybridoma for prune dwarf virus — another pollen-transmitted virus.

Working with Halk and Hsu at the ATCC were plant technicians Joan Aebig and Kathy Chang.



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U.S. will contribute $250 million to World Food Program

AMERICUS, Ga., Secretary of Agriculture John R. Block said the United States will contribute $250 million to the World Food Program in 1983-84. Block made the pledge in a statement commemorating World Food Day.

The U.S. contribution represents a 14 percent increase over the 1981-82 commitment and is more than 20 percent of the World Food Program's $1.2 billion target for 1983-84.

Created in 1962 as a joint project of the United Nations and the Food and Agriculture Organization, the World Food Program serves as a multinational channel for food to the poorer countries for economic and social development.

Block said, "The American people and American farmers have been generous in providing food aid to those less well-off than ourselves. In that spirit, we are announcing here and at the FAO in Rome, the U.S. pledge to the World Food Program of $250 million in grains, dairy products and the cash needed to transport those commodities."

Citing World Food Day as an international event set aside by more than 150 nations to focus public attention on food, Block said, "The United States is a leader in efforts to eliminate world hunger.

Dairy Pipeline

(Continued from Page D17)

coming off these walls. To appreciate what I am referring to, sit with your back toward a big uninsulated window on a cold day when you are dressed lightly and feel the cold draft. It's uncomfortable. That is exactly what we are subjecting many of our calves to.

How can you overcome some of these problems? Earlier, I discussed fan location. Bring fresh, outside air in over the calves. Avoid pulling warm, moist, stable air into the calf area. You might also try insulating the walls with non-moisture-absorbing insulation (blue styrofoam) or with a row of bales. Of course, the insulation will need to be covered to protect it from the calves.

Insulating the walls, however, won't protect calves from those cold currents dropping down along the wall from the higher windows, cracks or air inlets. If this is a problem, you may want to lay a piece of plywood on top of the pen and back against the wall. This plywood ledge could possibly help deflect these drafts, and also serve as a hover that calves can retreat under. It's sort of a 'mini-hutch" inside the pen.

If you start closing pens up for draft control, be sure to allow enough opening for some air exchange, and for stale air to drain out of the pen. At least one side of a pen should be completely open.

If you are in doubt about whether or not you are providing a good environment for your calves, spend some time visiting with them. Get in the pen with them, sit down with them — hopefully it's clean enough and dry enough to do that. Breathe the same air, feel the same drafts (don't wear too many coats) and stay there for a while. If it's good enough for you, your calves should have nothing to worry about.

Lastly, feed them well. Chances are, it won't be the cheapest program, but it doesn't have to be the most expensive either. However, stunted heifers are expensive, no matter how cheap the feeding program. It's your race to run as you see fit. I hope to see you at the finish line.

Local Ayrshire breeders elect '83 slate

At their annual dinner meeting, last Friday, members of the Southeastern Pennsylvania Ayrshire Club were joined by state and national officials. The 1983 slate of officers for the local club and their guests are from left to right, seated: state secretary-treasurer Milt Brubaker, Lititz; national director Ann Young, West Grove; State president J. Garrett Hunter, Washington Co.; former national president Earl Keefer, Millersburg; standing, club secretary-treasurer Betty Henley, Cochranville; club president Ed Henley, Cochranville; club directors Glenn Seidel, Wolmersdorf and Harold Kulp; directors not pictured are Bob Campbell, Narvon and Tom Hostetter, Jonestown.

Reports

A Public Sale of farm machinery was held October 22 by Jim and Joyce Brown, ½ mile north of Potters Mills, Centre Co., Pa.

Some prices were: Int. 656 gas tractor $3000, Farmall M tractor $950, Int. dump truck $1275, Int. flail chopper $1075, N.H. unloading wagon $1550, N.H. mixer-grinder $3825, gravity-flow wagons $770 each, roller harrow $1525, elevator $1200, grain elevator $300, Int. harvester $600 and N.H. rake $675.

Mark Glick was the auctioneer.

xxx

A Public Sale of farm machinery and antiques was held October 23 by Paul and Carolyn Schneck, R. D. 3, Pine Grove, Schuylkill Co., Pa. 275 people attended.

Some prices were: brass ladle $50, At-Water Kent radio $100, 2 cobalt blue bowls $20, small copper boiler $21, ice tongs $11, picnic basket $50, jugs and crocks $6 to $15, cabbage cutter $25, tube type sausage stuffer $50, small pie safe $32.50, Home Comfort coal stove $190, potato plow $55, small copper still $35, iron butcher forks $17 each, hay elevator $200 and Farmall H tractor $560.

Jay Riegel Jr., Auctioneer.

xxx

A Feeder Calf Sale of 100 head of Charolais calves was held October 21 at the Belleville Livestock Market in Belleville, Pa. and was sponsored by The Pennsylvania Charolais Association.

The top price was $1.27 per lb. with several at $1.04 and $1.01 per lb.

Mark Glick was the auctioneer.

PUBLIC SALE

FARM EQUIPMENT

SAT. NOV. 20, 1982

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JD KBA 10 ft. wheel carrier disk harrow. Case 28 disk harrow. JD 78 3 pt. scraper. JD #2 3 pt. ground scoop. Leinbach 5 ft. 3 pt. rotary mower. PTO cordwood saw. Danuser post hole digger. JD engine driver 6 inch hammermill. Hanson field sprayer. 2 wheel steel tank trailer. Syracuse walking plows, single cultivator, log sled. Plow harrow att., 1200 Bu. wire corn crib. 300 gal. fuel tank. 2-275 gal. fuel tanks, feed carts, steel gates, metal creep feeder. Stock watering tanks, water bowls, level flow silage distributor, 9 inch silo pipe. Electric fencers, Lincoln 180 amp welder, air compressor, hydraulic cylinders, 20 ton hydraulic jacks, cast implement seats, rope tackling, hay forks, plywood feed bin, 8 HP lawn tractor, 55 gal. #20 oil, 16 gal. gear oil, baler twine and many other articles.

Dairy Equipment — Feed

Zero 300 gal. milk tank. SP 22 Surge pump. 6 Surge milker units. SS wash tank, SS pails, Milk cans, gestation calculator, 300 bu. speltz, 15 bu. heat, 15 ton hay, 10 ton straw, ear corn, 1200 board ft. 8" T & G spruce fencing, odd lots of framing lumber.

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1962 Chevrolet Pickup Truck

Sale To Commence at 8:30 A.M.

Executor- Glenn T. Knackstedt -
Executrix- Sylvania K. Merlo

Auct.- Carl S. Buffenmeyer
Attorney- Herbert A. Schaffner.

Order of Sale: Household goods, small tools, farm equipment.

PUBLIC SALE

OF FARM EQUIPMENT, HOUSEHOLD GOODS, ANTIQUES AND TOOLS

SATURDAY, NOVEMBER 6, 1982

9:00 A.M.

Located along Eastern School Rd. south of New Holland. Next to Summit Valley Elementary School. Lanc. Co., Pa. (Watch for orange sale signs.)

HOUSEHOLD GOODS AND ANTIQUES

3 pc. Oak Bedroom Suite; 4 Beds; Box Springs and Mattresses; Crib; Bureau; Chest of Drawers; Dressers; Library Table; Office Chair; Platform rocker; Recliner; Rocking Chair; End Table; Card Tables; 2 Gas Heaters, like new; Servel Gas Refrigerator, works; Travler Gas Refrigerator with large freezer, like new; Black Caloric Gas Stove; White Whirlpool Gas Stove; Black Monarch Range, good condition; Old Sewing Machine; 2 Sofas; Maytag Wringer Washer; Twin Tubs; Chairs; Rugs; Carpets; Mirrors; Safety Gates; Mantel Chime Clock; Quilt Frames; Hassocks; Lamp Shades; Picture Frames; Kerosene Lamps; Gas Lanterns; Candle; Candle Holders.

High Chair; Bird Cage with stand; 2 Wooden Benches; Kerosene Lanterns; Gas Lights and Fixtures; Old Kitchen Cabinets; Cuckoo Clock; Wash Stand; Wooden Lawn Swing; Wicker Fernery; Screen Doors; Screens; Flower Stands; Porch Glider; Porch Rockers; Kettles; Roast Pan; Bowls; Coffee Percolator; Canners; Cherry Seeder; lots of Dishes; Cooking Utensils; Gas Irons; Waffle Irons; Iron; 3 pc. Set - Butter Scale; Butter churns; Wooden Butter Mold; Crocks; Iron Skillets; Apple Peeler; Wine Bottles; Other Old Bottles; Agateware; Silver ware; Dutch Oven; Meat Saw; Baskets; Clothing Bags; Drapes; 1 Old Quilt; 1 New Quilt; Linens; Pillows; Bedding; Buggy Blankets; Sleeping Bag; Blinds; Suitcases; Rocking Horse; Corn Dryers; Skates; Toys; Puzzles; Blocks; Sea Shells; Old View Master Cards; Games; Maps; Small Globes; Lunch Boxes; Old Books; Yearbooks.

6 Ebersole Fiddleback Chairs, good condition; Iron Ladles and Forks; Bowers Sideboard; Old Chest; Old Flour Chest.

Milk Cans; Milk Bucket and Strainer; 2 Hand Turned Plate Mills; Deep Sea Rod.

Guns: 22 Single Rifle; 22 Lever Action Rifle.

SPRING WAGON, CARRIAGE, 1 HORSE SLEIGH.

FARM EQUIPMENT AND TOOLS

IH 450 DIESEL TRACTOR WITH CRACKED HEAD; Grain Drill; Lime Drill; Case Hay Rake; Flail Chopper; Corn Planter for Farmall Super C, 400 amp. Welder; 5000-Watt Generator with Wisconsin Engine; Shovel Harrow; Double and Triple Trees and Yokes; Pulley for IH 450; 4 ft. Level; Clamps; 2 and 3 inch Chisels; Digging Iron; Sledge Hammer; Axes; Bolts; Pulley; V Belts; Harnesses; Collars; Bridles; 3/8 in. Socket Set; hammers; Hack Saws; Homelite Saw; Barrels; Window Sashes; Gates; Chicken Coops; Snow Fence; Corn Sheller; Water Pump; Gas Brooder; Rakes; Shovels; Hoes; Cant Hooks; Belt Laser and lasers; Saws; Tobacco Spears; Old Implement Seat; Sleds and Toboggans and many more items. 8N Ford Tractor w/Wagon & Loader.

Terms by:

PAUL Z. AND ANNA W. MARTIN

Auction conducted by:
Lamar Z. Sensenig
Paul W. Horst, Auctioneers

Lunch Served
Not Responsible For Accidents

Sale Reports

A Public Sale of real estate and antiques was held October 23 by Edna O. Landis, on Route 722 in the village of Oregon, Lancaster Co., Pa.

The 2½ story brick home with a slate roof and two-car garage and three-quarter acre lot was sold to Leon Brubaker of Ephrata for $47,100.

Among the numerous antiques sold were: Dutch cupboard $6600, oak bedroom suite $650, jelly cupboard $360, spinning wheel $305, 2 throw rugs $240, treadle sewing machine $290, quilted housecoat $400, child's captain chair $230, 6 cane chairs $600, salt-glazed chicken fountain $1600, quilt $485, mild-glass pitcher w/6 tumblers $425, hand-glown green pitcher w/6 tumblers $370, iron door pulls $500, minature dry sink $155, hanging coal-oil lamp $320, a 2 bushel homespun bag $105, brown checked homespun linen $485, Two 1 quart jars $125, rolling pin $125, big tin horn $105, candle mold $55, copper wash kettle $90, tiny antique doll $95, toy doll house $160, earthenware butter churn $140, slaw box $75, 2 pillowcases $105, painted box $200, Jenny Lind bottle $75 and big mirror $115.

Amos Sensenig and Chet Long were the auctioneers.

xxx

A Public Sale of rifles, shot guns, and hand guns was held October 21 for the Kenneth G. Callahan Estate at the Akron Fire Hall, Main St., Akron, Pa.

Some of the guns sold included: 12 ga. A.H. Fox Double barrel Shotgun $1150, 300 H & H Maghum SAKO rifle w/3-9 Weaver Scope $360, 308 Savage rifle Model 99 w/2.5 power scope $185, 30-60 F.N. Mouser rifle w/4x32 luminar scope $177.50, 22 L.R. Smith & Wesson (Model 41) hand gun $255, 357 Ruger Black Hawk hand gun (10" barrel) $440, 45 automatic Colt hand gun (Combat-Commander) $300, and 44 Magnum Ruger Super Black Hawk hand gun $300.

T. Glenn Horst and Timothy G. Horst were the auctioneers.

xxx

A Public Auction of an 81 acre farm in Lancaster County was held October 20 for the Conral C. Callis Estate, 3 miles south of Manheim along the Fruitville Pike.

The property was sold for $214,650 to Marlin Cassel, R.D. 1, Manheim, Pa. It included two 2½ story stone and frame dwellings, a frame and stone bank barn, metal implement shed, garage and storage buildings and 2 Butler grain drying bins.

The auction was conducted by J. Omar Landis Auction Service & Jay M. Witman.

xxx

A Public Sale of household goods was held October 23 by S. S. Boshnaugle, 6 miles west of Lancaster, Pa.

Prices included: Lawn-Boy push lawnmower $235, tilt chair $95, grain cradle $55, wardrobe $85, single bed $100, set of dishes for 12 $165, set of Fiesta bowls $47, freezer $165, record player $100 and small knee-hole desk $200.

Everett Kreider was the auctioneer.

A Public Auction of equipment and trucks was held October 23 by Midway Mills, south of Lebanon, Pa. There was a good attendance at the sale.

Some prices included: brass grain probe $40, 1969, 1971 & 1969 Ford trucks $1250, corn crimper $550, Sprout hammer mill $500 and grain buggy $290.

Ebersole & Shoop were the auctioneers.

xxx

A Public Sale of real estate and antiques was held October 16 by Annie T. Kramer, between Reinholds and Blainsport, along Route 897, Lancaster Co., Pa.

The 14 acre farmette with 2½ story brick dwelling, garage, frame barn, small silo, chicken house and implement shed was sold for $121,000 to Edwin Kramer, R. D. Reinholds, Pa. The 2 acre tract of land on Meadow Road was sold for $9900.

Other prices were: low dry sink $510, china closet $725, reed organ $210, cook stove $250, wooden bucket $45, half-barrel copper kettle $200, toilet set $390, 6" Gaudy Welsh dish $120, highchair $80, chest of drawers $120, toy Arcade tractor & wagon $110, Quilts $230, $180 & $130, dropleaf table $150, postcard album $100.

H. H. Leid Auction Service conducted the sale.

xxx

A Public Sale of real estate and farm equipment was held October 23 by H. Arthur and Freda Good, between Terre Hill and Fivepointville along Route 897.

The 52 acre farm was sold for $181,000 and included a 2½ story stone double house, stone and frame barn, implement shed and hog pens.

Other items sold were: Oliver 1650 Tractor $3700, Case 430 Tractor $1350, N.H. 327 Manure Spreader $800, Oliver Plow $1000, Large Copper Kettle $180, and Meadow Hay $70 per ton.

Elton & Alvin Horning were the auctioneers.

FEEDER SALE!

Wed., Nov. 3
6:30 P.M.
Four States'

Hagerstown, MD
Call 301-733-8120

PUBLIC SALE
OF REAL ESTATE, ANTIQUES AND HOUSEHOLD GOODS
SATURDAY, NOV. 27, 1982
9:30 A.M.
REAL ESTATE AT 1:00 P.M.

Located at 861 Park Hill Drive, 1 block off Route 72, ½ mile South of Manheim, Lanc. Co., 1 block West of Merkey's Car Lot. Watch for sale signs at Merkeys Car Lot.

Real Estate consists, Ranch Style House, brick and aluminum siding, 3 bedrooms, bath, large living room, small room, kitchen & dining room, large basement and basement garage, oil hot water heat. This house is on corner lot, large yard.

Open House — Nov. 13, 12-4 P.M. Terms: 10% down, balance 30 days. Real Estate 1:00 P.M.

Household Goods

Frigidaire Refrigerator with Freezer on top; Frigidaire Chest Type Freezer; Ashley Wood Stove, new; New Home Sewing Machine, like new; Musette Player Piano; 35 Piano Rolls; Sylvania TV, black and white; Twin Beds and Mattresses; Cedar Closet; Compact Sweeper; Kenmore Floor Polisher; Love Seat; Sofa; 2 Reclining Chairs; Swivel Rocker; Platform Rocker; Coffee Table; Book Stand; Floor Lights; Table Lights; Desk; Ironing Board; Hassock; Mirrors; Food Grinder; Maytag Wringer Washer; Wash Tubs; Salt and Pepper Sets; Foot Massager; Quilts; Rugs; Large Safe; Picnic Table; Wagon with Six Horses; Michters Souvenirs; Bedding, new and used; Sheets, new and used; Pillow Covers, new and used; Bath Towels, new and used; Rick Rack; Table Cloths; Jars; Cooking Utensils, new and used; Aluminum Extension Ladder; Garden Tools; Shovels; Bag Wagon; Wheelbarrow; Jacobsen Mower, and many more household articles.

Antiques

Oak Bedroom Suite; 3 Blanket Chests; Oak Dresser; Small Table with drawer; Clothes Tree; Throw Rugs; Small Tables; Chairs; Reed Flower Stand; China Closet with Bow Front; Mantel Clock; 2 Wine Sets; Lustre Pitcher; Dishes; Jelly Cupboard; Wooden Barrel; Crocks; Coal Oil Lights; Kitchen Cabinet; Baskets; D. F. Stauffer Biscuit Co. Can; Iron Frying Pans; many more antiques and other items not listed.

Sale at 9:30 A.M.

Terms by
MINNIE OXENREIDER ESTATE
Roy Ober & Edith Long, Executors
Frank and Paul Snyder, Auctioneers
717-859-2688 717-733-7052
Fasnachts, Clerks
David Young, Atty.

Refreshments
Not Responsible For Accidents
No Out of State Checks

PUBLIC SALE
OF FARM EQUIPMENT, HEIFERS, CROPS, HIT-MISS ENGINE, HOUSEHOLD GOODS
SATURDAY, NOV. 13, 1982
11:00 A.M.

Located along Union Grove Rd., midway between Terre Hill and Churchtown, near Lichty's Church. East Earl Twp., Lanc. Co., Pa.

3010 John Deere Diesel Tractor on steel; 860 Ford Gas Tractor on steel; Petter 15 H.P. Diesel Engine with Auto. Controls; John Deere 14T Baler; New Idea 9' Cutditioner; New Holland 331 Manure Spreader; M.F. 7' Pitmanless 3pt. Mower; Int. 3-16" 450 Auto. Reset Plow; Int. 4 Row Corn Planter; Oliver #64 17 Disc Grain Drill; Oliver 10' Disc; 10' Spring Harrow; 10' Sprocket Packer; 6' Cultimulcher; 2 - 16' Flatbed Wagons; 3 pt. Cultivator; 717 New Holland One Row Harvester; 10 K.W. Belt Drive Generator; 2 Row Cultivator for J.D. B.; Stauffer 2 Row Transplanter; 2 - Side Delivery Rakes; Sauder D.2 Loader; Ezee Flow 12' Fert. Drill; Teel Irrigation Pump with 5 H.P. B.S. Engine; Mighty Mack Sprayer on Cart with 3 H.P. Engine, like new; Papec Ensilage Cutter; Shovel and Spike Harrow; 3 - Fuel Tanks, 2 with Pumps; 2500 Tobacco Lath; Tobacco Shears; Calf Hutch; 20 lb. Repeat Dump Scale; Wiard #27 Walking Plow; Hyd. Cylinder; Scalding Trough; Baler Twine; 28 Head hay Rack; New 5' Wire Fencing; Knap-Sack Sprayer, like new.

FULLER-JOHNSON HIT AND MISS ENGINE
with Pump and Wooden Tank on Cart

HEIFERS - CROPS

6 - Open; 2 - due to freshen early winter. 25 ton Mixed Alfalfa; 8 Ton Straw; 45 Bu. Small Grain Rye.

MILKING EQUIPMENT

Girton D-2 400 Gal. Bulk Tank; 3 - Surge Milkers, 2 - 40 lb., 1 - 50 lb.; 2-Carrying Pails; Stainless Steel Strainer; Surge S.P. 11 Vac. Pump; DeLaval #76 Vac. Pump; Vac. Controls.

HOUSEHOLD GOODS

Gas-Electric Refrigerator with auto. Defroster; Warm Morning Heater with Auto. Controls; Formica Top Kitchen Cabinet; Breakfast Table with one board; Large Copper Kettle with Wooden Stirrer; 12'x17' Rug, good condition.

NOTE: Not many small tools. Come early and enjoy the day with us.

Sale for
CLEASON & ANNA MARTIN

Aucts.
Nevin Z. Martin and Lewis B. Groff
Lunch Served - Not Responsible For Accidents

Auction

Discontinuing my farming operation, I will sell at Public Auction located at "Drummine Manor Farm" along the east side of Rt. 75, near the Intersection of Rt. 75 and Old Annapolis Rd., between Libertytown and New Market, Frederick County, Maryland on:

TUESDAY, NOVEMBER 2, 1982
Promptly at 9:00 A.M.

56 HOLSTEIN DAIRY CATTLE 56
35 GRADE COWS — 21 HEIFERS

30 head are production; 5 dry cows; 4 lg. open heifers; 12 yearlings & 5 started calves. Cattle have been exposed to a Purebred Holstein from Paul Doody's herd, and will be checked for pregnancy. Cows have not been fed for high production and are capable for producing more milk. Cattle Are Selling To Stay In Maryland.

FARM MACHINERY

M.M. model G950 wide front diesel tractor, SN 44700603; M.M. model 602 wide front diesel tractor, SN 11404391; Farmall Super H tractor w/#31 manure loader; IHC Super C tractor w/7 ft. mower, cultivator & blade; M.M. 4x6 auto reset plows; Athens 3 pt. 10 ft. chisel plow; Frick 12 ft. offset disc harrow; Oliver #543 4 row no-til corn planter w/Gandy insecticide boxes; Brillion 12 ft. cultimulcher; Fox 2000 harvester w/3 row corn head; Fox F546 Ind. harvester w/1 row corn head, pickup & grass heads; (2) Colbey self-unloading wagons; Fox PTO hopper blower; GEHL #55 GRINDER MIXER; IHC hammer mill; Big Rhino 3 pt. 3 way Ind. scraper; Mathews rotary scythe; IHC 46 baler; 3 flat bed wagons; N.I. 10 CORN PICKER; 1 corn bed wagon; Ruth 32 ft. elevator; 3 pt. baler carrier; 10 ft. Gandy fertilizer sower; Colbey 200 bus. manure spreader; Danuser 3 pt. post hole digger; IHC hay rake; Field Force 2 wheel sprayer; small cultipacker; 9" silage blower pipe; silo platforms, etc.

TOOLS — DAIRY EQUIPMENT

500 gal. S/S Girton milk tank; like new 5HP Brunner compressor & motor; S/S wash tank; 4 Surge pail units; 2 DeLaval pail units; DeLaval vacc. pump; 80 gal. hot water heater; S/S strainers; cow clippers; dehorner; (15) 10 gal. milk cans; Silo unloader elec. cord; barn brooms, shovels & forks; Lincoln 225 amp welder; hyd. cylinders; new galv. channel drain roofing; new elec. cattle water heaters; (15) 275 metal drum cattle feeders; cattle oiler; butchering table; ant. sausage stuffer; gamble sticks; meat grinder; LATE STYLE HOG SCALDER; BUTCHERING KETTLES; new hog wire; wood pitchen pump; 40 ft. double ladder; ant. bricks; new & used blocks; chicken coops; ant. wagon wheel & early farm machinery; 1 horse road scraper; sel. of good used lumber; fence tools & wire; axes; lg. anvil; vise; hammers; wrenches; jacks; bolts; nails and usual shop items; yard swing & slide; 10-10-10 fertilizer & nitrogen.

ALL CORN & HAY LEFT BY SALE DAY

1966 INT. Loadstar C01700 truck w/20 ft. Omaha bed; 1947 Chev. 1½ ton cattle truck; 1956 Fork Parkland station wagon; 1965 Ford Galaxie 500 4 dr. sedan.

HOUSEHOLD FURNITURE

ANTIQUES: Empire mahogany veneered 4 over 3 buffet; walnut gate leg table; Empire 4 drawer chest; (2) oak chest of drawers; 2 double spool beds; mahogany drum table; Empire butlers table; burl grain walnut spirits cabinet; jelly cupboard; wooden wardrobe; oak wash stand; Mid-West kitchen cabinet; sm. 4 drawer chest w/Chippendale style feet; hardwood tea cart w/drop leaves; wooden dryer; old unusual desk; 5'x8' OVAL CHINESE HEAVY KNIT rug.; Tiffany type table lamp; sm. double door cabinet; LG. C.I. STORE COFFEE GRINDER; ant. pine case tap & die set w/brass dies; very old Fairbanks Morse platform scales w/unusual brass balance arm (formerly from the Walker Family); bookcase; splint seat rocker; some straight & rocking chairs; lg. glass bottle; old baskets; reed wicker porch furniture; wood church pew; C.I. base park bench; pottery base butter churn; horse collars & hames; misc. folding beds; 20 cubic ft. IHC chest freezer; Kenmore dryer; (2) Westinghouse refrigerators; breakfast set w/6 wooden chairs; Maytag gas stove; Tappan stove; Siegler oil space heater; 2 metal kitchen cabinets; lg. metal table some dishes; pots; pans; & box lots.

SALE ORDER: Furniture; tools & misc.; dairy equip.; cattle & farm machinery.

TERMS: CASH/Check on day of sale. Not responsible for accidents.

LT. COL. EDWARD H. DRAKE
Drummine Manor Farm
Mt. Airy, MD 21771
Lunch Available

SINCE 1920
Trout Auctioneers, Inc.
15 North Court Street/Frederick, Maryland
301/663-1555
"Experience Doesn't Cost — It Pays"

USDA raises rates for pet bird quarantine

WASHINGTON, D.C. — The quarantine costs for importing a personally owned pet bird will increase from $80 to $100 on Jan. 1, a U.S. Department of Agriculture veterinary official said last week.

The cost for handling two or more birds in a single isolation cage during quarantine will rise from $100 to $125.

According to John K. Atwell, deputy administrator of USDA's Animal and Plant Health Inspection Service, the increases are necessary to recover quarantine costs. Bird imports are quarantined to prevent the entry of exotic Newcastle disease, which can be costly if it becomes established in poultry flocks.

Atwell said the cost of handling one bird will be raised from $80 to $100. For two or more birds held in a single isolation cage during quarantine, the cost will rise from $100 to $125.

Personally-owned birds may enter the United States through eight ports of entry with special facilities — New York, N.Y.; Miami, Fla.; Laredo and El Paso, Texas; Nogales, Ariz.; San Ysidro and Los Angeles, Calif.; and Honolulu, Hawaii.

Pet birds are quarantined for 30 days in special isolation units — isolettes. These units permit the birds to be handled on an individual basis, without exposing other birds in the quarantine station to diesease.

A bird purchased in the United States and taken out of the country may reenter without quarantine if the owner can prove the bird's health status with a health certificate from a U.S. veterinarian issued before leaving the United States. In addition, the bird must be identified by leg band or tattoo with the identification number recorded on the health certificate.

Pet birds from Canada are not quarantined because Canada's animal disease control and eradication programs and import rules are similar to those of the United States.

Bird imports are subject to quarantine and testing to prevent the entry of exotic Newcastle disease. This disease, which is found in many countries, can be carried and spread by all species of birds, even though some birds may show no signs of illness. Exotic Newcastle, known technically as viscerotropic, velogenic Newcastle disease, has disastrous consequences when introduced into poultry flocks.

The worst outbreak in the United States occurred in southern California in the early 1970s and caused the death or destruction of more than 12 million birds, mostly laying hens, before the disease was eradicated at a cost of $56 million.

Public Sales Register

Closing Date - Monday, 5:00 P.M.
of each week's publication

OCTOBER

SAT. OCT. 30 - 11 A.M. Consignment Horse Sale at the Keister's Middleburg Auction Sales, Inc Rt. 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa. Don & Walt Keister, Owners. Ray Long & Dave Imes Auctioneers.

SAT. OCT 30 - 9 A.M. Public Sale of Contents of Country Store, Antiques, Old Iron Toys and Etc. Located at Denver Fire Hall, 435 Locust St, Denver H.H Leid Auction Service.

SAT. OCT. 30 - 9 A.M. Public Sale of Country Store Contents, Toys and Antiques. Located in the Denver, PA firehall, 425 Locust St. H.H. Leid Auction Service

SAT. OCT. 30 - 10 A.M. Public Sale of Farm Equipment and Related Items Located 1 mi. north of Wiley's Store, south of Stewartstown, PA on Draco Rd Mrs Edith McDonald, Owner Blaine N. Rentzel, Auctioneer

SAT OCT. 30 - 10 A.M Public Sale of Equipment and Household Furnishings Located at Turnersville - Siclerville Rd, Turnersville, NJ, about 17 mi south of Phil., 2 mi southeast Turnersville exit AC expressway. Maurice Schafer, Owner Sickler and Scott, Auctioneers.

SAT. OCT. 30 - 1 P.M. Public Sale of Swine. Located 9 mi. south of McConnellsburg on U S 522. Fall Production Sale Lake's Landrace.

SAT. OCT. 30 - 10:30 A.M Public Sale of Estate. Located at the Mullica Hill Grange Hall near the junction of Rt. 45 and 322, Mullica Hill, NJ. Estate of Margorie Rensch Bob Brooks, Auctioneers

WED. OCT. 30 - 10.30 A.M Public Sale of Farm Machinery, Horse Equipment and Real Estate Located at Beaver Creek Rd., Hagerstown, MD, take 70N to Old 40 East, ½ mi. to Beaver Creek Rd., on left, ¼ mi. to farm on left Davie L. Paice, Owner Ridgely and Streaker, Auctioneers

SAT. OCT. 30 — 9.30 A.M Public Sale of Household Goods, Farm Equipment, Shop Tools, Building Materials, Lumber and Buildings. Located between Westminster and Taneytown on Mayberry Rd., approx. 1 mi. north of Rt. 140, Mayberry, Carroll County, MD. Mr. and Mrs. Charles W. Grove, Owners Ed Sweetman, Auctioneer

SAT. OCT. 30 - 10 A.M. Public Sale of Wrecker, Truck Tractors, Tri-axle Dump, Dump Trailers, Van and Flatbed Trailers, Dozer and Loader, Shop Equipment, Parts, Tires and Real Estate. Located approx 2 mi. east of Breezewood on Hwy. 30 Ramsey Trucking, Owner. Don Wishard, Auctioneer.

SAT. OCT. 30 - 10 A.M. Public Sale of Equipment Located from exit 28 on I-81 go south on Rt. 743 approx. 2 mi. to Colt Rd., follow signs to auction. From Palmyra go 5 mi. north on R.R. St to Shirk's Church Rd., turn right 1 mi. to auction. Walt Schubauer Farm and Warehouse. John T. Ensminger, Auctioneer

PUBLIC SALE

ANTIQUES, COINS & MISCELLANEOUS

SATURDAY, NOVEMBER 6, 1982

At 9:30 A.M.

Located: Old 22, 1½ miles E. of Grantville, 1 mile W. of Harpers. Watch for sale signs.

300 Kerosene & electric lamps & lanterns, MANTEL CLOCKS, tinware, dishes, oak furniture, plank seated chairs, lots of old coins.

SALE RAIN OR SHINE - NOT RESPONSIBLE FOR ACCIDENTS - CASH OR TRAVELERS CHECKS ONLY - INSPECTION MORNING OF SALE.

Owner

GEORGE R. WITMER

Aucts: Van G. Hocker 776-3494

Don Harnsberger

Lunch Stand Reserved.

Public Auction, Antiques, Reproductions and Oriental Rugs Wed Nov 3, 1982
6:30 P.M.
General Sutter Inn
Broad and Main Sts.
Lititz Pa. 17543
Oak, Mahogany and Country furniture, whatnots, curios, cradle, woodbox, washstands tools, tins, stoneware, primitives, glassware, linens, quilts, lamps, china Oriental Rugs 3x5, 4x6, 5x8 all hand made of fine wool, Tabriz, Saraband, Bokhara, Kashan, chinese, abousan.
Consignment arrives daily. Bring in items to be sold 8:00-11 am day of sale.
Low commission, prompt payment.

E.M. Murry Associates

287 Lime Rock Road
Lititz, PA 17543
Elmer Murry 626-5244 - 626-2636
Richard Murry 626-8175 - 949-2280
Ken Miller 665-2073
Professional Auctioneers
Appraisers, and Advisors
Since 1953

PUBLIC AUCTION

SAT. NOV. 6, 1982

9:30 A.M.

CARS, TRUCKS, CONTRACTORS TOOLS & SUPPLIES AND JOHNSON COMMERCIAL RADIO SYSTEM

24'x36'; 2 story barn w/old barn siding & heavy timber to be removed from site.

Corner of Mill Street & Market Street
Jonestown, PA, Lebanon County
1974 Chevrolet Car
1972 Ford 3/4 Ton F-250 Pickup
1975 Ford F-350, 11,000 Lb. Gross, With Utility Box
Johnson Private Channel Radio/Base
With 3 Mobile Units

PLUMBING SUPPLIES

7ACG-2" Briggs & Stratton 8 - 3 h.p. self priming centrifugal heavy duty contractors pump, 1½ h.p. - 1½" self priming centrifugal pump Model 3CCE-1, new and used water pumps (Myers, Lancaster & Goulds), new jet pump motors, triple aquastats, water closet tanks, urinals, built-in lavatories, handicap toilet fixtures, 4" cast iron fittings, 4" plastic pipe fittings, 8" cast iron pipe cutter, 2 Myers hand pumps, 4" double hub 5' long, sewer routers, copper and galvanized fittings, assorted plumbing fittings and fixtures, sink and bath faucets sets, water filters, soft plastic pump tubing, pipe threaders and cutters, pipe wrenches, pipe vises and many numerous plumbing items.

CONTRACTOR SUPPLIES & TOOLS

Singer oil fired hot air furnace, 112,000 BTU, oil fired 30 gallon hot water heater, pressurized 30 gallon water tanks, individual electric baseboard heater (4, 6, 7, 9, 10 footer), commercial baseboard heaters, interior louvers for windows, 24" x 30" new window sash, assorted lights and light fixtures, electric converters for 12 volt to 110 volt, assorted electrical covers, boxes and supplies, battery charger, fence chargers, canvas and leather belting, rolls of electric wire (10/2, 12/2, 14/2), deep well pump wire, TV wire, assorted types of duct work, new and used PVC pipe — 1" and 1¼", 100 amp knife switches and all types of assorted other electrical switch gear, assorted EMT conduit fittings — LB, LR, SLL, 2 and 1 hole conduit straps, steel work tables, 11:00 x 36 tractor chains, aluminum windows and storm doors, two - 2 man chain saws, all types of contractors hand tools, saws, hack saws and blades, shovels, wrenches, extension cords, chain binders, cordwood saw blades, assorted chains, jacks, nuts, bolts, old door knobs and locks and much more.

HOUSEHOLD GOODS

Commercial meat slicer, typewriter, window fans, qt. jars, 2 portable televisions plus numerous other items.

Refreshments Available
Not Responsible for Accidents

Terms By:
RALPH HECK

William A. Wentling, Auctioneer
717-626-1278

Mr. Heck is having this first sale due to his going out of the general contracting business.

LARGE PUBLIC SALE

MANY FINE ANTIQUES & MODERN HOUSEHOLD GOODS

SATURDAY, NOV. 6

AT 9:00 A.M. SHARP!

Due to the undersigned quitting housekeeping, will sell at Public Sale on the premises, located in The Borough of Abbottstown, PA at 101 Hanover Street, the following:

ANTIQUES

Grandfather Clock, nice, signed "Millan Montrose", 8-day movement with broken arch top, 6'7" tall; Nice Wooden settee; Very fine set of 6 original Red Roses decorated plank seat chairs and matching boston rocker; 2 Nice sets of 6 each refinished plank seat chairs and Boston sewing rockers; Set of 6 hickory back plank seat chairs; Press back and dining room chairs; 2 Oak china closets; One a bow glass door & end with 5 shelves and claw foot, The other a straight front with glass door and end with 5 shelves & a mirror back; Nice softwood dry sink; 3 Oak extension tables, 2 with dropleafs and 1 pedastal round top, having 2, 3 & 5 filler boards; 4 Oak dressers; 5 Oak washstands; White marbletop washstand; Oak high back bed; Oak rocker; 3 Oak stands; Oak stool; Nice 4-Piece parlor suite with love seat; Press back rocker; Slat back rush seat rocker; Plank seat high chair; Dovetailed blanket chest; Dovetailed youth cradle; Softwood jelly cupboard; Very nice Estey walnut case pump organ & stool; Empire bureau; Nice mahogany chest of drawers with mirror back board; Unusual table model Victorola; Nice Rishell console victrola; Wood butter churn on stand; large & small wooden washtubs; 2 Wooden butter tubs; on pedastels; Mortised porch benches and foot stools; Wicker fernery; 2 clothes trees; Barrel butter churn on buck; Carriage seat bench; 3 Oak sideboards, 2 with mirrors; Sugar bucket; Hanging pie board with woodware; 3 Oak library tables, 1 oval top with harp frame; sled runner rocker; Champion cast iron chunk stove; Wallpaper rack with white buttons; Doll cradle; Doughtray on legs; 4 Nice shelf clocks; Washstand with hutch top; 2 Coo-coo clocks; 2 Spool whatnots; Nice 5- gal. brass kettle on 3-foot; Coffee grinder with brass top; Spring scales; Bracket lamp; Baskets; Large amount of nice pictures and frames; 3 Cherry seeders; Brass know horse hames; Buggie robe; 3 Wash bowl & Pitcher sets; Jardiniere flower pots; Rayo lamp with shade; Large tinsugar barrel; Sad irons; Treadle sewing machine; 2 Washboards; Meat bench; Iron & tin match boxes; Express wagon; Paper machet rabbits; 10 Bisque and Staffinger figurines; Tinware; Woodware; Dishes; Orange & dark carnival; Pink & green depression; Press & pattern glass; Barvasi Nippeon china; 4 Sets of china dishes; Taylor & Smith service for 12, Sebring service for 12, Nasco service for 4 and blue white willow ware; 2 Punch bowl sets; Stone crocks & jugs; Dated jars; Orange carnival water set; Bottles; Cat & Owl cookie jars; Lot of chalk ornaments; Carpet beater.

MODERN

Hotpoint 13 cu. ft. 2 door refrigerator with freezer at top; Hotpoint 40" electric range; Reprod. hutch cupboard; 2 Reprod. corner cupboards; Silvertone console 23" color TV; Record cabinet; Upholstered chairs; Set of Pfaltzgraf Dishes; Fireplace set; Dishes; Cookware and 100's of items too numerous to mention.

No Inspection until day of sale. Not responsible for accidents day of sale.

TERMS - Cash or approved check. Lunch stand at sale.

Owner
MARTIN V. MCWILLIAMS
Box #27
Abbottstown, PA

Clair R. Slaybaugh, Auctioneer
Idaville, PA Phone: 717-677-7479

WILLIAM C. CHRISTMAN

ESTATE AUCTION

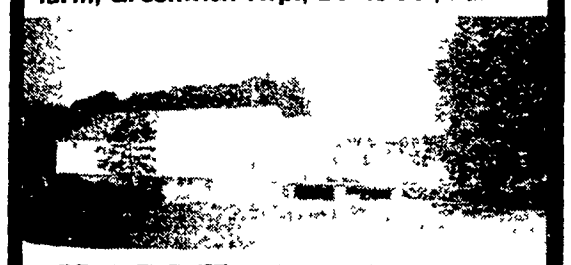
147 ACRE FARM

FARM EQUIPMENT; MILK TANK; HAY; STRAW TRUCK; CAR; HOUSEHOLD GOODS; ANTIQUES

SATURDAY, NOVEMBER 20, 1982

At 10 A.M.

(4 miles N.W. of Kutztown), 1 mile S. of Kutztown turn off 222 toward Virginsville, (follow Crystal Cave signs), 1 block past the Cave turn R. onto Saucony Rd. for approx. 1 mile to steel bridge, turn to farm, Greenwich Twp., Berks Co., Pa.



REAL ESTATE: 147 acres level & rolling land, approx. 100 acres tillable, balance pasture & woodland, 3 streams including large Saucony Creek. BLDGS: A large 6 room & bath stone stucco dwelling w/heat. A bank barn approx. 40'x117' w/a 17'x30' shed attached, 25 cow stalls, barn cleaner, milk house attached, 32'x36' clear span equip. shed (new), 3 car garage, wash house.

For inspection of R.E. call for appt. (215) 683-8461 or 682-4518 or 683-3941. R.E. offered at 1 P.M.

Terms - 10% day of auction, Bal. on or before Dec. 31, 1982

Ordered by Executors
Carl E. Christman,
Lloyd H. Christman
Atty. Paul Edelman

Conducted by Ralph W. Zettlemoyer Auction Co. Inc.
(215) 395-8084

Public Sales Register

Closing Date - Monday, 5:00 P.M. of each week's publication

SAT. OCT 30 - 10.30 A.M. Public Sale of Real Estate. Located in Lower Paxton Twp., Dauphin Co., PA, along Red Top Rd., ½ mi east of Nye Rd. Edward L Knackstedt Estate Earl S Buffenmeyer, Auctioneer

SAT. OCT. 30 - 10 A.M. Public Sale of Farm Machinery, Hand and Power Tools and Antiques Located at 1127 Poplar Grove Rd., off of MD Rt 136. Priestford Rd at Johnson's Store, ¼ mi. east of U S Rt. 1, Conowingo Rd at Poplar Grove, 9 mi north of Bel Air and 6 mi south of the Conowingo Dam via U S Rt 1 in the 5th Election District of Harford Co., MD Estate of William A Bethke, Sr John H O'Neill, Auctioneer

SAT OCT 30 - 11 A.M Public Sale of Horses, Horse Drawn Equipment, Tractor, Cow and Misc Located at the farm on Rt 34 at East Genoa, NY, 12 mi north of Ithaca, NY Noah Cannon, Owner. Howard W Visscher, Auctioneer

SAT. OCT. 30 - 5 P.M Public Sale of Horses and Tack Located at Thomasville Livestock Market, Rt. 30, west of York.

NOVEMBER

MON NOV. 1 - 6 P.M Public Sale of Lumber, Tools and Motorcycles Located 1401 East Main St., Ephrata, Pa Gene Shaw and Ted Stehman, Owners T Glenn and Timothy G Horst, Auctioneers

TUES. AND WED., NOV 2 and 3 - 10 A.M. Public Sale of Cabinets, Vanities, Carpet, Giftware, Nails, Lumber, Plywood, Roofing, Moldings and Misc. Located at Millhurst Mills, Millhurst, NJ. Wm F Comly and Son, Inc., Auctioneers

TUES NOV 2 - 7.30 P.M Standard time Public Auction of one complete milking herd of Reg. and Grade Cows out of Lebanon County to be held at Smoketown Quality Dairy Sales Co 5 miles East of Lancaster, 5 miles West of Intercourse Sale by Smoketown Quality Dairy Sales. Co., Gordon and Helen Fritz, Managers

TUES NOV 2 - 5.30 P.M. Farmersville, Auction in Farmersville, 3 mi. East of Brownstown, Lancaster County, Pa. John J Rutt, Auctioneer

TUES NOV 2 - 9 A.M. Public Sale of Cattle, Farm Machinery, Tools, Dairy Equipment, Corn, Hay and Household Furniture. Located at "Drummie Manor Farm" along the east side of Rt. 75, near the Intersection of Rt. 75 and Old Annapolis Rd., between Libertytown and New Market, Frederick Co., MD. Lt Col. Edward H. Drake, Owner, Trout Auctioneers, Inc

WED. NOV 3 - 6:30 P.M. Feeder Sale. Located at Four States', Hagerstown, MD. 301-733-8120

WED. NOV. 3 - 10 A.M. Public Sale of Shop Equipment, Misc. and Air Compressors. Located adjacent to the Gerhart Equipment Co. on Brunnerville Rd. in Lititz, PA. Martin Excavating Vilsmeier Auction Co.

THURS. NOV. 4 - Public Sale of Trucks and Trailers Located in Mill Hall, PA. Vilsmeier Auction Co.

PUBLIC SALE

OF REAL ESTATE
MON. NOV. 8

At 7 PM

Located along #222 New Providence Twp., Lanc. Co., PA (about 1 mile North of Quarryville, PA

Real Estate is a 2½ story 8 rooms & 1½ bath stone house. House contains: kitchen w/gas stove, cedar cabinets, st. st. sink & knotty pine walls, dining room w/half panel walls, & cushion ceilings. Lg. family room w/stone fireplace w/knotty pine walls, laundry room & powder room on first floor.

3 bedrooms & full bath w/shower & knotty pine walls & cedar closet on second floor. Also, second floor apartment containing: kitchen w/gas stove, elec. refrig., living room, bedroom & full bath w/shower. All rooms have: w to w carpeting, cushion ceilings & paneled walls.

Lg. lawn w/trees & shrubbery, driveway.

Also 16' by 32' underground swimming pool w/new liner & pump.

Very nice stone house. Lot contains: 0.974 acres of land with 141' frontage along #222 by 230' depth, more or less. Property will be open for inspection Sat's October 23 & 30 and November 6 from 1 until 3.

Real Estate to be sold at 7 p.m.

Sale by
DONALD L. HESS

Gingrich & Smith, Attys.
HOWARD SHAUB, 464-3541
and Roy C. Probst, Auctioneers

Sales Coming Up

SAT. NOV. 6 - Linville Hill Mennonite School, 2 miles west of Gap.

SAT. NOV. 13 - Metropoliton Christian School, Alexandria, VA

MON. NOV. 15 - 3 building lots on Rt. 896, 2 at Cripple Creek, 1 in Georgetown. Owner, Jacob Fisher

FRI. NOV. 19 - Farm Machinery, Mules, Heifers, Dairy Equipment, 1 mile north of White Horse. Abe King

SAT. NOV. 20 - Real Estate, Household Goods and Antiques. 1 mile west of Gap. Fannie S. Smoker

THURS. FEB. 24, 1983 - Farm Machinery, Horses, Household Goods and Antiques. 2 miles east of Intercourse. Emanual Zook

SAT. FEB. 26 - Farm Machinery, Ford Tractor and Etc. 2 miles west of Honey Brook. Bob Campbell

For Complete Auction Service
Call 717-786-4624 or write

Steve Petersheim
Box 152
Barto, PA 17503

PUBLIC SALE

10th Annual All Day Sale
at Linville Hill Mennonite School
SATURDAY, NOVEMBER 6
Starting at 9:30 A.M.

15 miles east of Lancaster off U.S. 30, 2 miles Sough of Kinzers on Kinzers Rd.

Items to be sold include:

Fresh pork products, ham, pork roll, sausage, canned goods, baked goods, potatoes, eggs, apple cider, bologna, hot dogs, etc.

Assorted Handiwork:

Quilts, all kinds of needlework and crocheted items and much more. Seed corn, shovels, 50 lb. bag Pioneer 53; alfalfa, wrenches, socket sets, new tools, thermometer, ice chest, gloves, anti freeze, starting fluid, bicycles.

6 month old lamb, hogs, feeder pigs, stacks of corn fodder. New carpet, Linoleum remnants (Meal Certificates)

Special attention

Mostly registered, a few grade heifers for sale, approximately 15 head will be sold at 1:00 p.m.

Close springing Reg. 2 yr. Pietje Standout heifer from 20,000 lb. Gay Ideal Dam. Bred to mariner.

Reg. open Cavalier heifer from 3 point dam with 20,000 milk granddam 87 pt. and over 20,000 lb. milk.

Reg. Char-Sam Elevation Pabst heifer from Ivanhoe Star dam with over 24,000 milk 800 Fat.

Reg. Jet Stream heifer from 2 yr. Gemini

Reg. Joludi Elmer chief heifer from strong maternal line

Reg. Maplebound Starlite Rex heifer from 20,000 4.0 dam, a grade very heifer, also other grades.

10 ampules of Cal-Lill Standout Cavalier to be sold

For information or catalogs call Sylvan Ressler (717) 786-2103.

Many more items too numerous to mention.

Enjoy delicious homemade food, goodies, while attending our auction. All proceeds of the day will be used for the promotion of Christian education at the school. Any contributions will be greatly appreciated. All items will be donated.

For more information call:
Leon Lapp (717) 442-8140
Christ Zook (215) 273-3213
Daniel Martin (717) 786-1755

Auctioneers:
Leon Kurtz
Steve Petersheim
Omar Stoltzfus

PUBLIC AUCTION

SATURDAY, NOVEMBER 13, 1982

10:00 A.M.

REAL ESTATE & HOUSEHOLD GOODS

R.D. #3 Elizabethtown (Mt. Joy Township) From S. Market St. at Elizabethtown Borough line .9 mi. on Groff Ave. to auction. Box 1A

REAL ESTATE AT 1:00 P.M.
TO BE SOLD ABSOLUTE WITHOUT RESERVE

A fine modern rancher masonry & aluminum siding. Living room with fireplace, dining room both with W to W carpet, kitchen with built-in oven & countertop stove, large rear porch, bath, 3 bedrooms, large closets, hardwood floors, basement with outside access, oil baseboard hot water heat with winter summer hot water hookup, new furnace, storm windows, attached oversize 1-car garage, lot size 100x200', mature shade & shrubbery, nice neighborhood, public sewer & water.

Persons wishing to inspect property may do so Sunday, Oct. 31st, 1 to 4 P.M. or Sat. & Sun. Nov. 6th & 7th 1 to 4 P.M. or by calling 717-233-7420 for an appointment.

Terms: $5000 in cash, certified or cashier's check made payable to John T. Ensminger, Auctioneer. These funds must be available and deposited with the clerk before the auction in order to be eligible to bid on the real estate. No exceptions.

HOUSEHOLD GOODS AT 10:00 A.M.

Complete line of modern furnishings in good condition including 3-pc. L.R. suite, pillowback lounge chair, nice tables & lamps, spinet desk, fireplace set, 9-pc fruitwood Provincial dining room suite, 5-pc breakfast set, Kelvinator refrigerator, 2 Amana air conditioners, Hoover sweeper, 4-pc walnut B.R. suite, 5-pc. B.R. suite with triple dresser, lawn & porch furniture, 4-pc cast iron lawn set, lawn sweeper, power & hand tools, garden tools, Lady Kenmore dryer, Maytag wringer washer, hand antique dropleaf table, old wood chest, dry sink, Linens, pots, pans, dishes & many more items too numerous to mention. Terms cash.

ESTATE OF ESTHER M. GIBERSON, deceased

Albert D. Stuart, Attorney
John T. Ensminger, Auctioneer
717-233-7420

PUBLIC SALE

OF REAL ESTATE, ANTIQUES & HOUSEHOLD GOODS—HINKLETOWN
SAT., NOV. 6, 1982

Sale Time 9:30 AM
Real Estate 2 PM

Located along 322 in the village of Hinkletown (between Ephrata & Blue Ball — Next to Ephrata Nat'l Bank) Earl Township, Lancaster Co., PA

2½ STORY FRAME DWELLING, FRAME BARN, ANTIQUES & HOUSEHOLD GOODS

9 Drawer high boy; Antique 8 ft. doctor's cupboard (high top glass doors, many drawers); 3 pc. marble top bedroom suite (high back bed, marble top wash stand & dresser, teardrop pulls); Antique corner cupboard, early inlaid foyer table grained wash stand; grained dresser (candle stands & jewelry drawers); grained office desk; grained spool leg night stand; antique half spindle settee; antique high top cupboard; teardrop pulls antique dresser; empire bureau; 2 pc. oak roll top bedroom suite; Square oak Extension table (many boards); round oak Extension table; Oak pressed back chairs; oak clothes trees; oak tapered leg table; oak spindle & other rockers; hall rack with mirror; 7 pc. victorian parlor set (with platform rocker); 2 Windsor Type chairs; Round Pedestal parlor table; oblong parlor table; rectangular marble top table; Keller Bros. Upright piano; piano stool (Claw & Ball Feet); Fiddle back Boston Rockers; Cheese Cutter Rocker; Reed Chair; Antique Commode chair; ½ doz. cane seat chairs; ½ doz. half spindle chairs; trunk; wooden bench; antique pictures & frames; old prints — "Mary"; Antique scrapbook; antique postcard albums & postcards; old newspapers & magazine; many antique & other books - medical, history, children's; 1855 Bridgen's Map of Three Earls; Beaded Bags; Misc. Jewelry; Medicine Scales in Wooden Case; Antique Doctor Supplies; Old Medicine Bottles; Antique Vaporizer; Demi-John Bennington Type Book Flask; Mantel & Alarm Clocks; Butter & Other Crocks; Baskets; Small wooden boxes; Large Wooden Barrels; Wood bucket; Wooden Advertising boxes; sleigh bells; Kettle hook.

CHINA & GLASSWARE

Misc. China & Glassware; Blue Glassware; Virginia Rose China (Homer Laughlin); Carnival & Satin Glass Vase; Fancy Vases - China, etc.; "A. Jack" Bottle; Antique Amber & Green Bottle; Miley, Penn Dairies & Other Milk Bottles; Dated Canning Jars; Lerosene Lamp; Pewter Cream, Sugar & Teapot.

LINENS

Antique feather stitched comforts & comfort tops; antique linens; fancy work; Counterpanes; Antique Clothing; shawls (1-1849 Wedding Shawl); Old hats; Handkerchieves; Material; Bedding; Rag Carpet; Old sheet music; old magazines; Celluloid & Other Dresser Sets; Agateware; Tinware; Antique Candle Mold; Lawn Boy Lawn Mower; Misc. Garden Tools; Scythe; bench vise; Drawing knife.

TERMS BY:
MARY W. REEMSNYDER

T. Glenn Horst, Auct. 859-1331
Timothy G. Horst, Auct. 738-1245
A.A. Kilkuskie, Atty.

Public Sales Register

THURS NOV 4 - 7 P.M. Public Sale of Woodland. Located in the Weishample, Grange Hall, in the Village of Weishample, Barry Twp., Schuylkill Co., PA, 4 mi. northeast of Hegins, take Rt. 125 to Deep Creek Rd., turn east to Weishample or 7 mi. west off I-81, exit 35, take Rt. 901 north to Deep Creek Rd. and turn west to Weishample. Estate of Sarah E. Kahres George and Mike Deibert, Auctioneers

FRI. NOV. 5 - 6.30 P.M Public Sale of 250-300 Head Heifers all ages Located at Belleville Livestock Market.

FRI NOV. 5 - 5.30 P M Gap Auction Antiques and Household Goods sold at every auction Located off Rt. 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

FRI NOV. 5 - 6 P M Public Sale of 150 head of bred and open gilts and boars. Located at the Lebanon Fairgrounds Arnold's 24th Production Sale. Harry Bachman, Auctioneer

FRI NOV 5 - Public Sale of Farm Machinery, Household Goods and Antiques. Located at R.D. 1, Loysville, Perry Co Donald Leigh, Owner. Klings Auction Service.

FRI NOV. 5 - 7 P.M. Public Sale of Cattle. Located 50 mi. south of Farm Show Bldg on Rt 15, Frederick Fairgrounds, Frederick, MD. Mar Lee Farm. Lee E Miller and Wes McAllister

FRI. NOV 5 - 1.30 P.M. Public Sale of Cranes and Creter System Located at the Limerick Gen. Stn. Const Site, approx 1½ mi. from Rt. 422, just off Long View Rd, near Limerick Information Center Philadelphia Electric Co Vilsmeier Auction Co.

FRI NOV 5 - 11 A.M Public Sale of Cattle Located west of Lancaster on Dairy Rd., take Rt. 283 west of Lancaster, exit beyond ABC Stud Barns at Flory Mill Rd, turn left after exiting, go to Mill, then sharp right under railroad bridge, barn within sight of Rt 283. Melvin Kolb, Inc., Robert C Mullendore, Auctioneer

SAT NOV 6 - 9 A.M Public Sale of Tractors, Farm Equipment, Shop Tools, Household, Antiques and Misc. located approx. 40 mi South of Washington, D.C, 20 mi south of Waldort, MD, approx. 3 mi. north of the Potomac River Bridge, from Rt. 301 South turn east on Cobb Island Rd., Rt. 257, go approx 5 mi. turn left at S.L. Sim's Grocery onto Mt. Victoria Rd., go approx. .2 of a mi., turn right on Wicomico Beach Rd., 1 mi. to sale. Estate of Grace Thorne Stamp. Edgar A Bohrer, Auctioneer.

HERBERT K. SPATZ ESTATE

PUBLIC SALE

109 ACRE FARM, ANTIQUES, PERSONAL PROPERTY

SAT., NOV. 13, 1982

Location: R.D. 2 Bernville, PA (Tulpehocken Township, Berks Co.). From Womelsdorf follow Route 419 North approx. 6 miles to Summer Mountain Rd. Turn right. Approx. 1 mile to farm.

REAL ESTATE — 12:00 NOON

Real estate will be offered in 2 separate tracts and combined as a whole.

Tract #1 - Consists of 64 acres, more or less, with road frontage on both sides of Summer Mountain Rd. Also has a 2½ story brick home. First floor has 4 rooms. Second floor has 4 bedrooms and bath. Basement with oil-fired hot air furnace and 275 gal. fuel tank. 30'x60' bank barn w/2 hay mows and storage area in center. Bottom part of barn has tie stall area and box stall area. Drilled well. About 40 acres tillable, balance in woodland.

Tract #2 - Consists of 45 acres, more or less, in woodland. Some of this land could be cleared and used as tillable farm land.

For appointment to see property please call Dave Risser at 717-866-6873 or at Webber Chev. 866-2117 - or call Helen Spitler at 866-4234 after 4 P.M.

Terms: 10% down payment day of sale with balance paid in 60 days.

Conditions by:
HELEN SPITLER
Executrix
Steiner and Sandoe, Attorneys
Dave Risser, Auctioneer
211 E. Main Ave.
Myerstown, PA 17067
Phone 717-866-6873

MILES & KATHRYN HORST ESTATE
(Mr. Horst former Pa. Sec. of Agriculture)

PUBLIC SALE

OF VALUABLE (app. 117 acres) LIMESTONE FARM
15 ROOM BRICK HOME & 6 BAY BANK BARN & CEMENT SILO TO BE SOLD
SATURDAY, NOVEMBER 6, 1982 11:00 A.M.

Sale to be held on premises
SOUTH LEBANON TWP. LEB. CO. PA.

Directions: From Lebanon take #422 East app. 4 miles to Prescott Rd. South of Prescott Rd. app. 2 miles to Birch Rd. West on Birch Rd. first farm on left at lg. evergreen trees. App. 3 miles West of Myerstown.

REAL ESTATE - 15 RM. 2½ STORY BRICK DWELLING

North Side: 1st floor living room papered & paneled, dining room, kitchen w/built in cupboards, stainless steel double sink & facilities for washer & dryer, & powder room. 2nd floor: 3 hall entered bedrooms & lg. modern bath w/pine refinished floors. ½ story storage. Improvements: Loush oil fired hot water heating system w/summer & winter hookup, 2-275 gal. oil tanks, new wire, drilled well, septic tank, new asphalt shingled roof & ground basement.

South side: 1st floor Central hall leading to 4 rooms. 2nd floor: 4 rooms ½ story storage.

6 Bay Bank Barn w/grainery, electric, & water approximately 16'x48' cement silo.

Special Mention North side of home completely remodeled in last 2 yrs. Lower part of barn completely cemented presently used for steers. Level farm land w/app. 94 acres tillable w/road frontage of approximately 1,595' on Mine Road & approximately 3,072' on Birch Road. For inspection of property phone auctioneer 717-272-7078 or 717-865-5129.

Open House for inspection of real estate October 30, 1-4 p.m.

Terms & Conditions by order of
Robert Reitz Executor for
MILES & KATHRYN HORST ESTATE
Samuel Weiss Sr. Esquire

Clayton C. Kleinfelter & Sons Auctioneers
105 Chapel St. Lebanon, Pa. 17042
Phone 717-272-7078 or 717-865-5129

FARMERSVILLE AUCTION

TUESDAY, NOVEMBER 2, 1982
5:30 P.M.

In Farmersville, 3 mi. east of Brownstown, Lanc. Co., Pa.

Selling the Dick Good Estate of Lancaster & additions. 10 pc. Diningroom Suite (1920's); Kenmore automatic washer, like new; 2 room size Oriental rugs; double bedding; library table; painted oak chest of drawers; Empire bureau; hanging mirror; kitchen cart; painted cedar chest; Eureka & Singer sweepers; Field Desk; old wooden boxes; dehumidifier; window fan; old kitchen cabinet base; tools; dishes; box lots, etc. etc.

This is a very brief list!

WE SELL ON COMMISSION

Call **JOHN J. RUTT**
354-5095

PUBLIC SALE

HORSE DRAWN FARM MACHINERY - MILKING EQUIPMENT - HOLSTEIN HEIFERS - MULES HAY

FRIDAY, NOVEMBER 19, 1982
9:30 A.M.

Located in Lancaster Co., PA - 17 miles east of Lancaster, 7 miles east of Intercourse, 1 mile north of White Horse. From Rt. 340 go north on Rt. 897, 1 mile to sale.

LIVESTOCK

22 head of Hi Grade Holstein heifers, 5 bred, 3 due January 17, breeding age to calves all sired by registered bulls. Information on sale day, a few can be registered if desired. Dams of heifer from King's high production 50 cow herd which peaked in 1982 at 63 lb. a day. Herd sold private.

5 HEAD OF MULES

1 pair of Sorrel Mollies, 1 pair Sorrel Jacks, old black mulley nose, all well broke, good size and blocky, ready to go to work.

Approximately 50 ton Alfalfa Hay

FARM MACHINERY AND SHOP TOOLS

New Holland 455 mower with New Idea crimper w/Wisconsin U84D engine, hydraulic Smoker built combination; John Deere 660 rake, rubber attachment teeth; New Holland 272 baler with engine overhauled last year; 30 ft. Farmec elevator; 2 flat bed wagons, 1 - 18 ft. bed; John Deere 2 row plateless corn planter; John Deere corn binder with loader w/Wisconsin engine, hydraulic controls; Papec 16" silage cutter w/P.T.O. gear, shreader bars, nice condition; Oliver 14" 2 way plow; John Deere KBA 20 disc disc harrow; John Deere 3 section spring tooth harrow, reversable shovels; log field roller; Zook manure spreader; New Idea 12A manure spreader; Grandy applicator for baler; 2 single bottom trailer plows, 1 Oliver; **Farmall Super M tractor, pulley & P.T.O., hydraulic pump;** tobacco lath, shears, spears; Stihl 2 cycle engine sprayer; Echo weed eater; Miller 130 amp. welder w/engine; hydraulic pump w/10 h.p. Briggs engine on chassis; Acetylene torch complete with tank and gauges; metal bin stocked with bolts; bolts; nails; etc.; pipe threader and cutter; 5 fire extinguishers; Black & Decker electric drill; pipe vise; **Blank built manure pump;** forks; shovels; Winco 110 volt generator; 285 gallon fuel tank; 6 set heavy harness, collars, bridles, lines; extra collars; single, double, triple trees; 6 horse hitch. **Spring wagon w/roller bearings.**

DAIRY EQUIPMENT

3 DeLaval milker units, 55 lb. pails, Sterling pulsators. shut off claws; **Sputnick milk transporter;** Bray breeding calendar wheel; barn desk; milk scales; calf dehorner; barn clock; udder support; semen tank sells with 100 straws semen antibiotics; 2 silage carts; grain cart; Chop & Bed bedding chopper with engine.

Owners
ABRAM L. & ANNA MAE KING
Auctioneer: Steve Petersheim
717-786-4624

Auctioneer's Note: An opportunity to buy well bred heifers, farm machinery and dairy equipment mostly all in nice condition

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AUCTION SALE

OWNER RETIRING FROM BUSINESS
COMPLETE LIQUIDATION OF ASSETS
ISAAC JONES, JR., INC.
15 MACK TRACTORS, 13 DUMP TRAILERS
FLATBED, P.U. TRUCK, PARTS & EQUIPMENT
FRIDAY, NOV. 5, 1982 - 10 A.M.
ON PREMISES
PHILADELPHIA COKE CO., INC.
4501 RICHMOND ST., PHILA.

15 MACK TRACTORS, 13 DUMP TRAILERS

(15) 1969-1976 Mack T.A. Diesel Tractors, 5 Speed Trans., 38,000# Rears Comprising: (4) '72-'74 & '76 Mack R685ST, (2) '73 & '75 Mack R686ST, (6) '72 Mack U685T, (1) '73 Mack 685T, (1) '69 Mack R685 LST, (1) '69 Mack R65; (13) 1960-1978 White, Transco, Fruehauf 28' - 32' Alum. Dump Trailers, 77' High Comprising: (1) '68 Transco 32' Tri Axle, (1) '66 White 30' Tri Axle, (5) '70, '73 & '78 White 30' T.A., (2) '72 Parker & Morgan 30' T.A., (2) '64 & '67 Transco 30' T.A., (1) '62 Floric 28' T.A., (1) '60 Fruehauf 28' T.A.

P.U. TRUCK, FLATBED, PARTS & EQUIP. - 1972 Ford ½ Ton Pick-Up Truck, Fruehauf 28' Flat Bed Trailer, Hobart Welder, (2) 3 & 5 H.P. Air Compressors, Grease Gun, Washer & Steamer, Battery Chargers, Tarps, Tools, Supplies, Transmissions, Rears, Motors, Starters, Generators, Alternators, R-Model Mack Hoods, Fuel Tanks, Tote System, Parts, Etc.

INSPECTION THURS. NOV. 4 - 9 A.M. to 4 P.M.
TERMS CASH OR CERTIFIED CHECK - 25% DEPOSIT REQ
COMPLETE PAYMENT DAY OF SALE

Wm. F. COMLY & SON INC
Auctioneers
1825 E. BOSTON AVE., PHILA., PA. (215) 634-2600

ESTATE AUCTION

To be held in the Weishample Grange Hall located in the Village of WEISHAMPLE, Barry Township, Schuylkill County, Pa.; 4 miles N.E. of Hegins; take Rt. 125 to Deep Creek Road, turn East to Weishample or 7 miles West off I-81, Exit 35, take Rt. 901 North to Deep Creek Road and turn West to Weishample.

THURSDAY, NOVEMBER 4, 1982
At 7:00 P.M.
123 ACRES WOODLAND
(to be offered in three parcels)

Parcels 1 and 2 are located approximately 2 miles East of the Village of Weishample and about ½ mile Southeast of the Barry Elementary School.

PARCEL No. 1 - 78 ACRES fronting on the North side of Township Road T-403.

PARCEL No. 2 - 29 ACRES fronting on the South side of Township Road T-403

PARCEL No. 3 - 16 ACRES more or less located about 1 mile South of the Weishample Store, South of State Highway 53115 (Little Mountain Road) and South of the Marvin Kimmel property in Barry Township.

If you are in the market for choice WOODLAND, you will arrange your financing now so that you will be prepared to bid and buy at this auction!

TERMS: 15% down the day of sale, further terms and conditions to be announced when real estate is offered at 7:00 P.M.

FOR INSPECTION of survey draft or inspection of real estate CALL: (717) 425-3313

ESTATE OF SARAH E. KAHRES
Helen L. Lautsch and
Gertrude Gahres, Executrices

John T. Pfeiffer, III, Esq.
Pfeiffer, Brown & Baldwin, Attorneys

George & Mike
Auctioneer
(717) 425-3313

DEIBERT

Public Sales Register

Closing Date - Monday, 5:00 P.M. of each week's publication

FRI NOV. 5 - 10 A.M. Public Sale of Tractors, Trailers, Flatbed, Truck, Parts and Equipment. Located at Philadelphia Coke Co., Inc, 4501 Richmond St., Phila, PA. Isaac Jones, Jr., Inc Wm F Comly and Son, Inc, Auctioneers

SAT NOV 6 9 A M Public Sale of Farm Equipment, Household Goods, Antiques and Tools Located along Eastern School Rd, south of New Holland, Lanc. Co., PA Paul Z Martin, Owner Paul W Horst and Lamar Z Sensenig, Auctioneers

SAT. NOV. 6 - 9 A.M Public Sale of Garage Tools, Ford Parts and Office Equipment Located at the north end of Shrewsbury Boro, York Co, PA at the intersection of old Rt. 111 and the Plank Rd Five Town Motors, Inc, Owner Robert L Sechrist, Auctioneer

SAT NOV. 6 - 10 A M Public Sale of Farm, Cows and Equipment. Located between Milton and Turbotville, Turbot Twp, Northumberland Co, PA, take Rt 147 to Rt Rt 254 E to Stamms Dairy Store, turn left to Hoy Rd, turn right 1 mi to property Henry and Barbara Yoder, Owners Elton and Alvin Horning, Auctioneer

SAT. NOV 6 - 9.30 A.M. Public Sale of Real Estate, Antiques and Household Goods. Located along 322 in the village of Hinkletown, between Ephrata and Blue Ball, next to Ephrata Nat'l Bank, Earl Twp., Lanc Co, PA. Mary W Reemsnyder, Owner. T Glenn and Timothy G Horst, Auctioneer

SAT NOV 6 - 9 A M. Public Sale of Antiques and Modern Household Goods. Located in the Borough of Abbottstown, PA at 101 Hanover St Martin V. McWilliams, Owner. Clair Slaybaugh, Auctioneer.

SAT NOV. 6 - 11 A M. Public Sale of Real Estate. Located South Lebanon Twp., Lebanon Co., PA, from Lebanon take 422 east approx 4 mi. to Prescot Rd., south of Prescott Rd. approx 2 mi. to Birch Rd. west on Birch Rd, 1st farm on left at lg. evergreen tree, approx 3 mi. west of Myerstown Miles and Kathryn Horst Estate. Clayton C. Kleinfelter and Sons, Auctioneers

SAT NOV. 6 - 9 A.M Public Sale of Cars, Vans, Carryalls, 4x45, Mechanics/Pickup Trucks. Located at the Barbadoes Gen Stn. on the island at the end of Haws Ave., 2 blocks south of Main St., in Norristown, PA Philadelphia Electric Co Vilsmeier Auction Co.

SAT NOV. 6 - 11 P.M Public Sale of Cattle. Located at 7730-A Sunday's Lane, Frederick Co, MD, from Frederick take Rt 15 north approx 6 mi turn left on Sunday's Lane George S Wachter, Jr, Owner Trout Auctioneers

SAT NOV 6 - 10 A M Public Sale of Farm, Antiques, Collectibles, Household Goods and Farm Related Items. Located ¼ mi. east of Troxelville on Troxelville - Penns Creek Rd Estate of Mrs. Hattie C. Norman. Jay E Lauver, Auctioneer

SAT. NOV. 6 - 9.30 A.M Public Sale of Cars, Trucks, Contractors Tools and Supplies and Johnson Ralph Heck, Owner William A Wentling, Auctioneer

SAT. NOV. 6 - 9 30 A M Public Sale of School Equipment and Supplies Located along Main St at the east end of Morgantown at the old Caernarvon Elem School Bldg Terms by Twin Valley School District. Elton and Alvin Horning, Auctioneers

SAT. NOV 6 - 11 A M Public Sale of Farm Machinery. Located on Country Rd., 5, just off Rt. 14A in Hall, NY, 5 mi. south of Rt 5 and 20, 7 mi south of Geneva. Hall Equipment Co., Owner. Harris Wilcox, Auctioneers

SAT. NOV. 6 - 9:30 A M. Public Sale of Cattle, Handiwork and Misc Located 15 mi east of Lancaster off U.S 30, 2 mi. south of Kinzers on Kinzers Rd. Linville Hill Mennonite School Leon Kurtz, Steve Petersheim and Omar Stoltzfus, Auctioneers.

SAT NOV 6 - 12:30 P.M Public Sale of Cattle Located at the Erie County Fairgrounds, on McKinley Parkway, just off the N Y.S Thruway I-90 at Exit 56 near Buffalo Western New York Regional Sale. William Kent, Inc, Auctioneers

SAT. NOV. 6 - 9:30 A.M Public Sale of Antiques, Coins and Misc Located at Old 22, 1½ mi. east of Grantville, 1 mi west of Harpers. George R Witmer, Owner Van G Hocker and Don Harnsberger, Auctioneers

MON NOV. 8 - 7 P.M Public Sale of Real Estate. Located along Rt 222 New Providence Twp., Lanc. Co., PA, about 1 mi north of Quarryville, PA Donald L Hess, Owner Howard Shaub and Roy C. Probst, Auctioneers

MON. NOV. 8 - 8 P.M Public Sale of Real Estate Located along Winter Hill Rd., Strasburg Twp., Lanc. Co, PA, along road leading from New Providence to Strasburg, just east of Zion United Church of Christ Donald L. Hess, Owner. Howard Shaub and Roy C. Probst, Auctioneers.

TUES. NOV. 9 - Public Sale of Surplus Const. Material. Located in Richmond, VA. Vilsmeier Auction Co.

TUES. NOV. 9 - 5 30 P.M. Farmersville, Auction in Farmersville, 3 mi. East of Brownstown, Lancaster County, Pa. John J. Rutt, Auctioneer

WED NOV. 10 - 7 30 P.M. Public Sale of Cattle Located at Shenandoah Valley Livestock Sales, Inc., 1044 Edom Rd., Harrisbonburg, VA.

TWO DAY AUCTION SALE
PHILADELPHIA ELECTRIC CO.
SAT., NOV. 6
9 A.M.

To be held at the Barbadoes Gen. Stn. on the island at the end of Haws Ave., 2 blocks south of Main St. in Norristown, Pa.

Everything Sells to the Highest Bidder CARS VANS CARRYALLS 4x4S MECHANICS/PICKUP TKS (7) 78 77 Concords (23) 78 77 Hornets (2) 77 Fury Wagons 79 Spirit & Malibu Wagib (WRECKS) (13) 74 73 Dodge Display Vans (2) 74 Ford Display Vans (2) 79 77 Chev C10 Carryalls (2) 77 76 Chev C20 Carryalls 78 IHC Scout 4x4 69 IHC 4x4 Mech Tk, 71 IHC Mech Tk (3) 73 72 GMC Mech Pickup Tks, (6) 74 Ford & Chev Pickups STEP VANS & DUMP TKS (9) 72-67 Ford Step Vans (2)-70-68 Ford & IHC Dumps CONTRS TOOLS Snow melter space heaters radial arm saw drill press 200 & 300 amp welders winches tire changing machine etc PLUS Wrecker Tk Fuel Tks Cab & Chassis Office Trls Concrete Pump Trencher Compressor Tks (7) Bucket Tks (6) Digger Derricks Line Body Tks Welding Rod Elec & Auto Supls & MUCH MORE TERMS COMPLETE PAYMENT SALE DAY IN CASH OR GUARANTEED FUNDS ONLY WITH $100 CASH REQUIRED AFTER EACH ITEM IS SOLD

FRI., NOV. 5
1:30 P.M.

To be held at the Limerick Gen. Stn. Const. Site, approx. 3½ mi. from Rt. 422, just off Long View Rd. (near Limerick Information Center).

Everything Sells to the Highest Bidder* CRANES & CRETER SYSTEM Pettibone 35 ton Hyd Rough Terrain Crane s/n 17-12-E4124, (2) P&H 9½ ton Hyd Rough Terrain Cranes s/n 34251 & 33003 Rotec Creter Crane Conveyor System (Fits Pettibone 35 ton), New Creter Crane Conveyor Belts, Motors Spare Parts (47) Liebherr Tower Crane Sections Manitowoc 4000W Vicon 150 ton Crawler Crane s/n 40365* FMC Link Belt HC 218 28 ton Conv Tk Crane s/n 18HA739*, P&H T 750 75 ton Hyd Tk Crane s/n 36452* Pettibone 35TK 17½ ton Hyd Tk Crane s/n 14027

TERMS: COMPLETE PAYMENT SALE DAY IN CASH OR GUARANTEED FUNDS ONLY WITH $100 CASH REQUIRED AFTER EACH ITEM IS SOLD

Special Deposit Requirements on the Manitowoc, Link-Belt, & P&H T-750 (*to be sold subj to owners confirmation)

Write or call for descriptive brochure

VILSMEIER AUCTION CO., INC.

Route 309, Montgomeryville, Pa. 18936.

Telephone: (215) 699-5833

PUBLIC SALE
OF REAL ESTATE
Lg. 1 story 80' by 60'
Cement Block Building Body Shop
MON. NOV. 8
At 8:00 P.M.

Loc. along Winter Hill Road, Strasburg Twp., Lanc. Co., PA (along road leading from New Providence to Strasburg, just East of Zion United Church of Christ).

Real Estate contains: 80' by 60' one story cement block garage & body shop w/stucco front. Part #1 is a: 30' by 60' garage with 14' overhead door. Part #2 is a: 30' by 60' garage with 14' overhead door; also: 15' by 18' paint rooms. Also: office room, parts room & sec. floor storage. Oil hot water furnace w/summer-winter hookup, well water, elec. & septic tank & drain field. Lg. stoned parking area in front of building.

Lot totals: 1 acre & 30.25 perches of land with 145' road frontage by 300' depth, more or less.

Property will be open for inspection Sat's October 23 & 30 and November 6, from 1:00 until 3:00. Real Estate to be sold at 8:00 P.M.

Sale by
DONALD L. HESS

Gingrich & Smith, Attys.
Howard Shaub, 464-3541
and Roy C. Probst
Auctioneers

PUBLIC SALE
FIVE TOWN MOTORS
OF SHREWSBURY, PA
Complete Ford Garage Dispersal
SAT. NOV. 6, 1982
at 9:00 A.M.

Located at the north end of Shrewsbury Boro, York Co., Pa. at the intersection of old Rt. 111 and the Plank Road.

GARAGE TOOLS, FORD PARTS OFFICE EQUIPMENT

12 ton hydraulic press; manual tire changer; battery charger; battery & alternator testers; valve grinding machine; bench grinder; 2 bench vises; set of air conditioner test & repair equipment; complete line of Ford required special service tools; undercoat machine; air wrenches; lg. size socket set; heavy duty drill & bits; 5 floor jacks; 10 jack stands; transmission jack; tune-up scope; upright & tank vacuum cleaners; 1 stainless steel shop vac. cleaner; 4 fire extinguishers; 3 tool carts; 5 work benches; 33 lg. metal parts bins & shelves; many parts cabinets w/lots of supplies; counter metal parts book holders; micrometer & torque wrench; headlight tester; 3 unit intercom; gas drain cart; safety cans; 3 lockers; water cooler; sm. lawn tractor & rotary mower; wheel pullers; misc. small tools & supplies; 1972 Pinto station wagon used as service car; some new & used tires; car parts books from 1948-1970; hundreds of Ford Motor Co. parts form the 40's thru the 70's; several metal & wood desks; several wood & metal office & desk chairs; 4 file cabinets, 1 fireproof; 3-M copier; rolling file; desk lamps; 2 digital tape calculators; 2 closing areas; free standing brochure stands; 4 floor stand ash trays; adv. stands; metal cabinets; waiting room furniture; magazine racks; heavy duty paper shredder; old typewriter; time clocks, cards & rack; asst. of office supplies; & many items not mentioned.

Terms: cash or approved check

FIVE TOWN MOTORS, INC.
Shrewsbury, Pa.
Harry Theurer, Pres.
Ph. 717-235-3864
Robert L. Sechrist, auctioneer
Anderson & Warner, clerks
Not responsible for accidents
Food available

PUBLIC SALE
TWO IMPROVED AND ONE UNIMPROVED TRACTS OF VALUABLE REAL ESTATE LATIMORE TOWNSHIP FARMS AND WOODLAND
THE CHESTER B. WORLEY ESTATE
WEDNESDAY NOV. 17
At 1:00 PM Prompt

The undersigned executor of the above mentioned estate will offer the following at Public Sale at the formerly known WORLEYS NURSERY located 2 Miles North of York Springs along business Route #15 in Latimore Township, Adams County, PA.

TRACT #1

Containing 119 acres, more or less, improved with a 1½ story and 1 story weatherboarded labor dwelling having bath and large frame nursery barn. 45 Acres of Cultivating ground, 8 acres of spotted bearing apple trees, 52 acres pasture with creek running through, and 14 acres woodland with half sawmill trees. Acreage distribution is approximate.

TRACT #2

Contains 116 Acres, more or less, improved with a spacious 2½ story brick dwelling with a frame addition. Having all modern conveniences except central heat. Outbuildings include a large frame bank barn, a frame utility shed and other buildings. 99 Acres of cultivating ground, 17 Acres of woodland. Plot distribution is approximate.

TRACT #3

Contains 26 Acres, more or less, of unimproved land with 13 acres of cultivation area and 13 acres in large oak growing trees.

NOTE: All three tracts described above adjoin each other with each having approximately 2,500 feet of frontage along improved road. All tracts will be offered individually at sites described above.

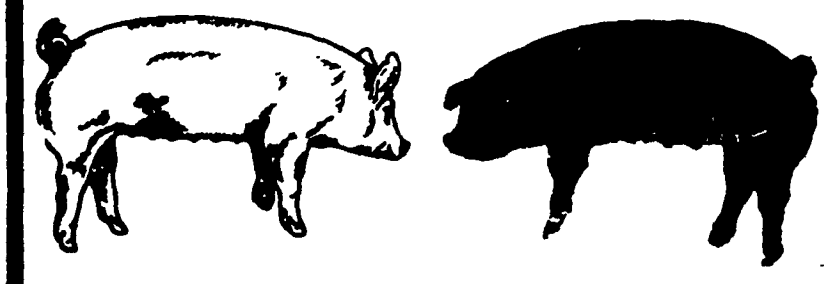
TERMS - ALL TRACTS - 10% WHEN STRICKEN DOWN WITH FINAL SETTLEMENT IN 30 DAYS. OTHER TERMS WILL BE ANNOUNCED AT TIME OF SALE.

Executor
MELVIN S. WORLEY
RD #1
York Springs, PA
Phone: 717-528-4519

Clair R. Slaybaugh, Auctioneer
Idaville, PA Phone: 717-677-7479
John W. Beach, Attorney
34 W. Middle St.
Gettysburg, PA

ARNOLD'S 24TH PRODUCTION SALE
OF

Yorkshires **Durocs**



Auctioneer: Harry Bachman, Annville, PA

APPROX. 70 BRED GILTS (All gilts are hand mated)
25 Yorkshire - bred Yorkshire,
30 Landrace bred Duroc or Yorkshire,
15 Duroc bred Duroc
Due Noember - December - early January
40 BOARS (Seven to eight months old)
Feed efficiency & Test Station Information

25 Yorkshire - 15 Duroc
50 OPEN GILTS (Ready to Breed)
YORKSHIRE, CROSSBRED, DUROC

Soundness and production are top priorities in our breeding program. Our Yorkshire herd is unsurpassed in production per sow for herds this size. Our animals have done well in test stations. Pennsylvania's 1st Superior Certified Duroc Meat Sire came from our herd. We also had the top indexing boar over all breeds, Pa. State 1979 ("Hustle") and the top boar in Delaware 1980 (Explorer). All animals vaccinated for Erysipelas & Lepto & Rhinitis. Validated Brucellosis & Pseudorabies Free herds.

Friday Evening
NOVEMBER 5, 1982, 6:00 P.M.
SALE TO BE HELD AT THE
Lebanon Area Fairgounds
(CORNWALL & EVERGREEN ROADS, 1½ MILES SOUTH OF)
Lebanon, PA

CALL OR WRITE

Yorkshires
Leon L. Arnold, R.D. 7, Box 705
Lebanon, PA 17042 — 717-273-5880

Durocs
Lawrence Arnold, 1245 Cumberland St.
Lebanon, PA 17042 — 717-272-9827
Farm 272-2179

CATALOGUES AVAILABLE OCTOBER 15
NEXT SALE FEBRUARY 12, 1983

Public Sales Register

Closing Date - Monday, 5:00 P.M. of each week's publication

WED. NOV 10 - 10 A.M. Public Sale of Farm Machinery, Horse Drawn Equipment, Trucks, Cars, Nursery Equipment, Bee Supplies and Office Equipment. Located 2 mi. north of York Springs along Business Rt. 15 in Latimore Twp., Adams Co., PA Chester B Worley Estate. Clair R. Slaybaugh, Auctioneer.

WED. NOV. 10 - Public Sale of Surplus Const Material Located in Waynesboro, VA. Vilsmeier Auction Co

WED NOV. 10 - Public Sale of Cattle Located at the Belleville Livestock Market.

THURS NOV 11 - 11 A.M. Public Sale of Cattle. Located 6 mi. from I-81, exit at Lenox, exit 64, go east of 1st hardtop road in South Gibson, turn right, go to fork in road and straight through on dirt road. T. Robert Williams, Owner. Backus Associates, Inc., Auctioneers

FRI. NOV 12 - 5.30 P.M. Gap Auction. Antiques and Household Goods sold at every auction. Located off Rt. 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

FRI. NOV 12 - 9 A.M. Public Sale of Farm Equipment. Located at New Holland Sales Stables, Inc., 12 mi. east of Lancaster, PA at New Holland, Pa.

FRI NOV 12 - 6.30 P.M. Public Sale of New Appliances, Kitchen Cabinets and Vanities Located along Rt. 772 between Brownstown and Leola in the Village of Talmage, Lancaster Co., PA. Stoltzfus Cabinet Shop, Owner T Glenn and Timothy G Horst, Auctioneers

FRI NOV. 12 - 1 30 P.M. Public Sale of Cattle. Located at Blue Ridge Livestock Sales, Inc., Charles Town, WV

FRI. NOV 12 - 1.30 P.M. Public Sale of Swine. Located at Carlisle Livestock Market, I-81, exit 12

FRI NOV 12 - 7 P.M. Public Sale of Cattle. Located at Thomasville Livestock Market, Thomasville, PA. South Central PA Cattlemans Graded Feeder Calf Sale

SAT. NOV. 13 - Public Sale of Farm Equipment. Located along Union Grove Rd., midway between Terre Hill and Churchtown Cleason Martin, Owner. Nevin Martin and Lewis Groff, Auctioneers.

SAT. NOV 13 - 9 A.M. Public Sale of Antiques, Hand Tools and Blacksmith Tools. Located east end of Churchtown, PA along Rt 23. Noah Martin, Owner. Horning Farm Agency, Inc., Auctioneers.

SAT. NOV. 13 - 11 A.M Public Sale of Real Estate. Located east of Bethel along old Rt. 22, Bethel Twp., Berks Co., PA. James R. and Helen K Hess, Owners. Elton and Alvin Horning, Auctioneer

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LATE FALL CONSIGNMENT AUCTION SALE!!

SATURDAY, NOVEMBER 20, 1982

9:00 A.M.

You are invited to consign your tools or equipment to our well attended auction, held in our yard rain or shine!

We Offer:

Effective, crowd drawing advertising! Knowledgable, professional acutioneers! Competitive consignment commission rates! Prompt, accurate payment on sale of consignments! Pickup of consignments can be arranged!

JACK WOOTTON

Auction Manager, NJSA, NAA

Tractors, farm implements and tools, Landscaper equipment, Industrial and Contractors equipment and tools, cars and trucks, antique and special interest vehicles, Recreational vehicles. Turn your unused items into cash before winter sets in!

PUBLIC SALE

FRIDAY, NOVEMBER 5, 1982

9:00 A.M. Sharp!

Located in Perry County midway between Loysville and Blain, off Route 274 at St. Paul's Lutheran Church (Watch for Sale signs)

ANTIQUES & HOUSEHOLD GOODS

Corner cupboard with glass windows; 2 Oak high-back bedroom suites (bed, dresser, washstands, chair); Oak dresser; Roll top desk; Kitchen cabinet (flour); Pie cupboard; Treadle sewing machine; Rocking chairs; Parts of chairs; Butter churn (barrel type); Sewing box; Tin lunch boxes; Copper wash boiler; Tinware of all kinds; Wooden curtain stretcher; Glass rolling pin; Planters peanut jar; Wooden back rest; Dovetail doughtray; Cook stove dryer; Railroad lantern; Wooden stompers; Lard press & sausage stuffer; Wood Box; Wall rack with porcelain knobs; Pictures; Flour sifter; Flat iron; Candle mold; Wooden boxes; Mix cans.

Slate blackboards; Ice tongs; Metal wardrobe; Wood wardrobes, Single brass bed; Lamps; Coffee pots; Pots & pans; Salt & pepper shaker sets; Sleds & parts of; Cream separator; Lumber; Window fan; B&W TV; Wooden single & double rope pulleys; 6" Endless belt; 2 Arctic Cat recoil starters; 4 Chain binders; 2 Tarps 12 & 20' (like new); Crocks, Bottles, Jugs; Metal brackets; Parts of school desks; Lantern parts; 2 Butchering kettles & 3-foots; Hog Hangers; Stirers; Old clothes; Hat pins & corset stays; Trunks (flat & curve tops).

Photo album; String instruments; Leather strap wallet (Hand dated 4-5-1855); Wooden barrels; 500 Old Turn-of-Century post cards; Broad ax; Wooden planes; Hand drill press; Hay fork; Molding clamps, 2 Crosscut saws; Woodlen nail kegs; Hand saws; Large cans; Brown elec. 4-burner stove (harvest gold); Double & single metal beds; Silverware set in wood box; Pizza maker; Dishes, bowls, glasses, Maytag wringer washer, 2 Bowling balls; Wood cradles; Wood doors; Overhead garage doors, Air compressor; Scrap steel; Old tool chest; J.D. 70 lawn & garden tractor (34" mower); Pick-up load of walnut lumber (10 yrs. dried).

FARM MACHINERY

(Will be sold at 1:00 P.M. Sharp!)

J.D. #45 Combine - late model (recently overhauled) 10 foot cut good shape; J.D. 3020 Diesel - narrow front end - nice; J.D. 3020 Gas - narrow front end - good shape; J.D. H Model tractor with cultivators, J.D. 1209 Haybine; J.D. 640 Hayrake; J.D. 34 Harvester (single row & hay pickup), J.D. 125 4-16" Trip-back plow - 3 pt., J.D. 3-pt. 14" 3-Bottom plow, J.D. 227 Mtd. Picker - universal mt. - good shape, (227 Picker for parts), J.D. 110 12' Wheel disc - like new; 2 McCurdy gravity bin wagons, N.I. 606 2-Beater forage wagon, N.I. 605 2-Beater forage wagon, Walsh 200 gallon tank sprayer.

2 Wooden rack bale wagons; 3 inch Auger elevator, 40' Wooden ext. ladder; 3-Ton bulk feed bin (new) - never set up, 2 300 gal. fuel tanks with pumps; J.D. 12' Drag harrow - 12 ft. Cylinder litt, J.D. 16A Flail chopper; J.D. 336 Baler with kicker (used only 1 season); J.D. Hammermill, J.D. #54 Manure spreader; J.D. Van Brunt 15 disc drill, J.D. 494 4-row Planter with insecticide boxes; J.D. 446 3-pt. 4-row Planter, J.D. 246 2-row Planter - 3 pt.; J.D. 8 Mower in good shape; J.D. 60H Blower, J.D. 3-pt. Sub soiler.

New 24 ft. Skeleton elevator; Badger blower - one year old, 30 ft. Hay elevator; Danco Pipe-rack wagon (J.D. gear) - like new, Brillion 12 ft. cultipacker; Metal silo torn down (10' diameter), Large amount of new oak lumber; David Bradley - 2-wheel garden tractor; 71 Oldsmobile Cutlass; 65 Toyota Land Cruiser - 4 wheel drive, 46,000 miles; 74 Dodge Trades van - #200; 2 Pa. Resident Hunters License - 1915 License #1426 County #50, 1916 License #4 County #50

This is only a Partial Listing of items to be sold

DON'T MISS THIS SALE

(No Sale Here for 3 generations!)

Not Responsible for Accidents **I.D. Required for Bidder's Number**

Lunch Stand by St. Pauls Lutheran Church

AUCTION SERVICE KLING'S

R. D. 1, Landisburg, PA 17040
tel. 717-789-3883

Owner,
DONALD (Son) LEIGH
RD 1, Loysville, Pa.
(717) 789-3484

PUBLIC SALE

OF 166 ACRE DAIRY FARM

TUESDAY, NOVEMBER 16, 1982

At 11:00 A.M.

Located between Yellow House & Boyertown on ½ mile off Rt. 562, along Fancy Mill Rd., Earl Township, Berks Co., Pa.

Real Estate will be offered as 2 separate parcels and as an entirety.

PARCEL #1: 2½ story brick & stone "L" shaped house. 1st flr.: Mod. Kit., Liv. Rm., Din. Rm., Storage Rm., Hallway. 2nd flr: 8 Rms., 2 Baths. Basement has dirt floor; No Central heat; New Shingle Room in 1973. 60'x90' quonset type dairy barn (built in 1959) w/comfort stalls, box stalls & loafing area; Farmway barn cleaner; Block milk house (tank & pipe line not incl.); Sev. frame equip. & storage sheds; Cement trench silo 20'x100'; Water supply - new well (1977), also gravity fed spring. 90 Acres of land, 65 tillable, 3 acres woodland, remainder in pasture & bldgs. area. Terrain level to gentle slope.

PARCEL #2: 76 Acres of open land — 66 ex. tillable acres, 10 acres of pasture. Frame equip. & storage shed in poor condition.

Parcels #1 & 2 combined have a total of approx. 1½ miles of road frontage.

TERMS: 10% down day of sale, settlement by Jan. 15, 1983. For inspection by appointment or information about owner financing call HORNING FARM AGENCY, INC. @ 215-286-5183.

TERMS BY: JANE R. ARNOLD
William L. Cremers, Jr., Esq.
Elton & Alvin Horning, Auctioneer
HORNING FARM AGENCY, INC.
Main St., Morgantown, Pa. 19543

Good's Auction

111 North Maple Ave.
Leola, PA

Hay, Straw and Corn Sales
Every Wednesday at 12:00 Noon

Farm Machinery Sales
First and Third Wednesday of Each Month Jan. through Oct.
Farm Machinery Accepted At Any Time From 7 A.M. to 6 P.M.
Sat. Til 12:00 Noon

No Small Items Will Be Accepted At Any Time. All Small Items Must Be Brought In Day of Sale And Sold Off of Trucks or Wagons.

Positively No Unloading Day of Sale Except Lawn And Garden Equipment, Farm Machinery and Big Equipment.

Tool and Hardware at 9:00
Shop Equipment & Lawn and Garden Equip. at 12:00
Machinery at 1:00

No Household Goods
No Out of State Checks
Selling With 6 Auctioneers

DAVID H. GOOD & SONS

111 North Maple Ave., Leola
717-656-9558

PUBLIC SALE

VALUABLE REAL ESTATE

FRI., NOV. 19, 1982

Sale 1:00 p.m.

Located 4 miles west of Nine Points, 1 mile west of Bartville, 2½ miles east of Route 472 from Kirkwood, along Noble Road, Colerain Twp., Lancaster Co., Pa.

REAL ESTATE

100 Acres more or less Dairy; Swine and Tobacco farm.

2½ story brick and aluminum two-family unit house. 12 rooms, 2 bathrooms.

Large bank barn, 40 staunchions; horse stable; box stalls; loafing area. Milk house with 600 gallon Dari-Kool Ice Bank bulk tank; 13' x 60 concrete stave silo; tobacco shed; corn barn; small horse barn; room for 14,000 lath of tobacco; 1200 bu. wire corn crib.

Hog finishing unit 32' x 120 built to handle 400 head.

Approximately 80 acres in high state of cultivation. Approximately 17 acres of permanent pasture.

A well located farm, with land and buildings in good condition.

Inspection of property every Saturday until sale day. 10% down

Owners,
JOHN A. & KATIE E. LAPP
Kenneth Covelens, Atty.
Abe Diffenbach, Auct.

PUBLIC SALE

OF 67 ACRE FARM, COWS & EQUIPMENT

SATURDAY, NOVEMBER 6

@ 10:00 A.M.

Located between Milton & Turbotville, Turbot Twp., Northumberland Co., Pa. Take Rt. 147 to Rt. 254 E to Stamms Dairy Store, turn left to Hoy Rd., turn right one mile to property.

REAL ESTATE @ 11:30 A.M.

2½ story frame house. 11 rms. incl. 2 kit., 3 bedrms., 1½ baths. Coal heat. Frame bank barn, 11 stanchions, remainder loose housing for 30 head. 400 gal. milk tank. Other outbuildings in poor condition. 2 Madison 14' x 40' silos. 55 Acres of tillable land, 12 acres pasture. Terrain - rolling.

TERMS: 10% down day of sale, settlement by Jan. 15, 1983. Inspection anytime by appointment. Call Horning Farm Agency, Inc. @ 215-286-5183 or Titus Shader, R.D. #2, Milton, Pa. @ 717-437-2714.

PERSONAL PROPERTY

27 Reg. & Grade Milk Cows - Holsteins, 2 Bred Heifers, 11 Heifers, 1 yr. to 3 mos.; 1 Driving Horse, Bantoms; J.D. 620 Gas; MF 35 Gas w/loader; Ford 3B 14" Plow Mt., JD 2B Plow Mt., AC 7' Combine, pull type, JD 14T Baler w/motor, NH Forage Harvester w/#22 Corn head & #27 Grass Head, IH 110 Forage Wagon, 10 ton; JD 2R 3 pt. Corn Planter, Ford 2 R 3 pt. Cult.; Ford 3 pt. Subsoiler, Ford 3 pt. Wood Saw, 24' Smoker Elevator, Sm. Elevator; NI 7' Mower, MF 7' Hay Crusher, JD 4 bar Rake; IH PTO Table Blower, 2 Farm Wagons, flat; 2 Wheel Trailer; NI Manure Spreader #206; IH 10' Harrow; HI 5' Flail Chopper; IH 9' Disc; Papec 10" Hammermill, 150 Gal. Century 3 pt. Sprayer, Used Lumber. 5 ea. 2" x6"x22', 9 ea. 2" x12" x22" 6 ea. 2½ x7½"x15', 1 ea. 1½ x10"x20'; Misc. Lumber, Concrete Blocks, 12", Iron Pile; 4 Hole Hog Feeder; 27 Bags of 2-15-30 Fertilizer; 8 ea. 50# Bags Urea; Sears Water Pump, New, 6 Cellar Posts, 2 ea. 80 gal. Water Supply Tanks (1 new), Gas Water Heater, Roto-tiller, Milkers; Old Barn Hinges; Tires, Iron Wheels; Locust Posts; 50' Hay Track w/fork; 2' Elec. Fencers; RCA Gas Ref., Round Ext. Table & 8, Single Bed; Dbl. Bed, Cot, Mattresses; Dresser, 3 ea. High Back Chairs; 2 ea. Rockers, 2 ea. Recliners; Grandmothers Clock; Arm Chair; Studio Couch, Benches, 2 Burner Oil Stove, Sm. Baker for Oil Stove, Wall & Base Cupboards, Gas Wall Heater, Like New, Creamery, Utility Cart, Old Books, Kerosene Lamp w/Tank, Bookcase, Coffee Table, Paneling, Other Items Not Mentioned.

Terms By:
HENRY & BARBARA YODER
Preston L. Davis, Esq.
Elton & Alvin Horning, Auctioneers
HORNING FARM AGENCY, INC.
Main St., Morgantown, Pa. 19543

Public Sales Register

SAT NOV 13 - 12 Noon Public Sale of Farm, Antiques and Personal Property Located at R D 2, Bernville, PA, Tulpehocken Twp, Berks Co, from Womelsdorf follow Rt 419 north approx 6 mi to Summer Mountain Rd, turn right, approx 1 mi to farm Herbert K Spatz Estate Dave Risser, Auctioneer.

SAT NOV. 13 9 A.M. Public Sale of Blacksmith Tools, Gas Engines and Antiques Located along Rt 23 at east end of Churchtown, Caernarvon Twp, Lanc Co, PA Elton and Alvin Hornings, Auctioneers.

AUCTION

ESTATE OF
MRS. HATTIE C. NORMAN
TROXELVILLE, PA.
SATURDAY, NOVEMBER 6
10:00 A.M. Sharp
¼ Mile East of Troxelville, on Troxelville - Penns Creek Road.

FARM

160 Acres (More or Less) on several tracts, large brick house, large bank barn and other out buildings.
Also 17 Acres (More or Less) timber tract.
Farm and timber tract offered at 12:30 P.M.
Terms: 20% down balance in 30 days. Conditions & reservations to be announced at sale

ANTIQUES & COLLECTIBLES

2 piece dry sink, corner cupboard, blanket chest, quilts, flour chest, pie cupboard, dome top trunk, oak stand, oak table with boards, round wooden salt holder, braided rugs, plank bottom chairs, sideboard, rockers, Pittston cook stove, metal base kerosene lamp, White sewing machine, cane bottom oak rocker, wash stand, dresser with mirror, chest of drawers, double bed, one horse sleigh, mirror, picture frames, dishes (some flo-blue), some depression glass.

HOUSEHOLD GOODS

G.E. refrigerator, Kelvinator electric stove, gas clothes dryer, Hoover sweeper, couch, platform rocker, floor lamp, radio, electric heater, single bed, rug 9x12, rug 12x12, pots & pans, dishes, and items too numerous to mention.

FARM RELATED ITEMS

Two 2 horse wagons, grain drill, Lime Spreader, 2 horse Walking Cultivator, 1 horse Cul, Bobsled, 2 Oliver E Walking Plows, & a few more items.

Seller and Auctioneer not responsible for Accidents.
Lunch Stand
Terms: **Personal Property, Cash**

Robert Norman, Troxelville
Myron Norman, Bv. Spgs.
EXECUTORS
Jay E. Lauver, Auctioneer

AUCTION SALE

COMPLETE LIQUIDATION
WED., NOV. 3

10 A.M.

NOTICE: This is a complete liquidation of Martin Excavating & is being sold by Commonwealth Nat. Bank & G.E.C.C., as secured parties. The Sale will be held on the property adjacent to the Gerhart Equip. Co. on Brunnerville Rd. in Lititz, PA., near Lancaster.

Everything Sells to the Highest Bidder. SHOP EQUIP. & MISC.: Lincoln welder, 3" pump, pedestal grinder, elec. drills, wrenches, jacks, nuts, bolts, snow plows & frames, pipe; AIR COMPRESSORS: G-D & I-R 125-600 cfm; Plus Joy & I-R track drills; Western, Galion, Sheepsfoot, & Koehring rollers; (2) 35 ton lowbeds; Terex motor scraper; Cat motor grader; (5) JD & Komatsu crawler loaders; IHC & AC crawler tractors; (3) Liebherr & Gradall excavators; JD tractor loader backhoe, & demolition hammer.

TERMS: COMPLETE PAYMENT SALE DAY IN CASH OR GUARANTEED FUNDS ONLY.
Write or call for descriptive brochure:

VILLSMEIER AUCTION CO., INC.
Route 309, Montgomeryville, Pa. 18936
Telephone: (215) 699-5833

SPECIAL CONSIGNMENT

at the
Belleville Livestock Mkt.
WED., NOV. 10, 1982

Herd of Angus Cattle including brood cows, calves, yearling, steers, bulls and heifers. Cattle will be sold along w/our regular sale.

BELLEVILLE LIVESTOCK MKT., INC.

BAR-REL HOLSTEIN DISPERSAL

WEDNESDAY, NOVEMBER 10, 1982
At 12:30 P.M.
New Castle, Pa. 2½ miles northeast of New Castle, just west of Rt. 168 at 121 Lakewood Road.

SELLING 75 head dairy cattle (71 Registered and Grade Holsteins and 4 Registered Jerseys). 8 cows sell recently fresh and 20 head bred for fall freshening. 26 head of first or second calf heifers sell, 3 "EX", 14 "VG", 3 "GP".

Featuring a "VG-88" Bar-Rel Apollo Elvis Presley bred to Bell and due at sale time, plus her daughter by Minor-Acres Patrick Red. An "EX" Ivanhoe Star with over 100,000 and her Elevation bred heifer and fancy December Tony. An "EX-2E" Elevation with 22,870 3.6 829 "EX-Mammary" with her '81 Astronaut heifer and '82 bull by Cinnamon. A really fancy Astronaut milking as a first calf heifer, dam "GP-83" with 2 records over 19,000, second dam with 106,000.

Other top sires represented: Conductor, Pawnee Farm Arlinda Chief, Elevation, Marshfield Elevation Tony, Marvex, Gay Ideal, Medalist, Astronaut, Citamatt, Ultimate, Wayne, Flame, Mohawk, and Style Master.

Service Sires: Carlin M Ivanhoe Bell, Molly Chief, Triple Threat, Tony, Tullando Elevation Sky High, Welleeda Citation R, Jet Stream, Creek Bluff Elevation Lester.

TERMS: Cash or good check day of sale with ID, nothing to be removed until settled for.

Owner
SHIRLEY MITCHELTREE & FAMILY
Ph. 412-658-8349
William Kent, Inc.
Sale Manager & Auctioneer
Bergen, NY
Ph. 716-494-1890

WESTERN NEW YORK REGIONAL SALE

SATURDAY, NOVEMBER 6, 1982
At 12:30 P.M.
Hamburg, NY. At the Erie County Fairgrounds, on McKinley Parkway, just off the N.Y.S. Thruway I-90, at Exit 56 near Buffalo.

Featuring a "VG-86" Startreck daughter with an "EX-Mammary" and 3-yr record: 20,008 628. A Dec. '81 Bell daughter out of a "GP-83" dam with 21,276 4.0 838 fat, 2nd dam is "VG-88" with 792 fat. A Dec. '81 Romandale Jasper-Red out of a "GP" dam with 800 fat, 2nd dam with 1156 fat. A fresh Apache out of a Glendell dam (contract cow). A "GP-82" Sterk Exclusive with 21385 3.7 799, both dams are "EX" with 928 and 906 fat. Many more features from these top sires: Sexation, Romandale Jasper-Red, Bootmaker, Neil, Valiant, Apache, Cavalier, King Arthur, Grand Fortune, Matt Carlo, Sterk Exclusive, Elevation Ivan, and many more.

Service Sires: Valiant, Stargazer, Shamrock, Barrett, Mag Chief-Red, Preferred, Browndale Concord, Elevation Ivan, Neil, East Star, Bell, Milestone, and others.

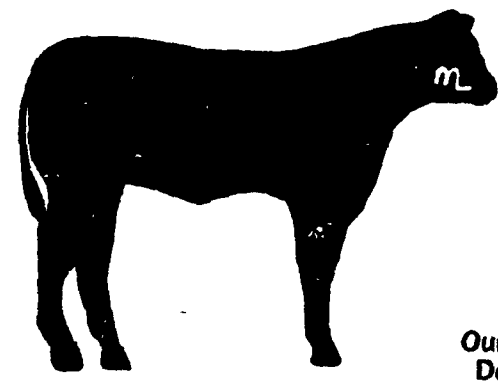
Cattle tested for Interstate Shipment.

Sponsored by the
W.N.Y. HOLSTEIN CLUB
Chairman: John Kramer, Holland, NY
Ph. 716-537-2687
Selector: Al Munson, Nat. Program Director. Ph. 716-346-2098
WILLIAM KENT, INC.
Sale Manager & Auctioneers
Bergen, NY
Ph. 716-494-1890

MAR LEE FARM

"HERDSMAN'S CHOICE"
CALF SALE
Friday, November 5, 1982
7 P.M.

50 TOP SHOW STEERS



ALL BLACK CHI-ANGUS

Healthy
Pre-Conditioned
Halter Broken

Our best offering ever!
Don't miss this sale!

50 miles south of Farm Show Bldg. on Rt. 15
Frederick Fairgrounds, Frederick, Maryland

Lee E. Miller, D.V.M.
301-898-7274

Wes McAllister
301-898-5691

DERR'S AUCTION SERVICE

PUBLIC AUCTION

Farmette, Land, Farm Equipment, Antiques, Collectibles & Household at R.D. 3. Benton, Pa. on Distillery Hill Rd. 2/10 of a mile from Benton Borough. Watch For Signs at Main & Market Sts. in Benton.

SATURDAY, NOVEMBER 6, 1982
9:30 A.M. Sharp

G.E. Ref. w/Bottom Freezer, G.E. Apt. Size Stove, G.E. Auto. Washer, Kenmore Elec. Dryer, Admiral 24 Ft. Upright Freezer, Breakfast Set w/6 Chairs, R.C.A. XL 100 Color T.V., Floor Safe, Hot Point 11.6 Upright Freezer, 2 Bow Front China Closets, Kerosene Lamps, Mantel Clock, Cottage Dresser, Wash Stand, Chest of Drawers, Dry Sink Hutch, Churn, Depression Glass, Crocks, Carnival Ware, Lots of Glassware, McCoy, Secretary, 2 Pc. Living Room Suite, End Stands, Sofa Bed, Recliner Platform Rockers, 9x12 Braided Rug, Humidifier, Blanket Chest, Cedar Chest, Port. Sewing Machine, 3 Pc. Blonde Bedroom, 5 Pc. Bedroom Suite, Shenandoah Wood Burner.

1982 Dodge Pickup 250 6 Cyl. Engine 4 Spd. Transmission 3500 Miles.

Farmall 350 Tractor, 2 Oliver Crawlers, 1 w/Cultivators 1 w/loader, 2 Farmall H's with S.L.H., Oliver 4340 14" 3 Bottom Trailer Plows w/Cylinder, FMC Rotary Cutter, I.H. Cultivators for H., I.H. Silage Cutter, Ontario 14 Hoe Grain Drill 2 Row Corn Planter, Mounted Mower for H., Seeder, I.H. 46 Baler, Mounted Sprayer w/14 Ft. Booms, I.H. Side Delivery Rake, I.H. Model 2 M.H. Mounted 2 Row Corn Picker, McCormick 76 Combine w/Bin & Motor & New Canvas, 3 Farm Wagons 2 w/Unloaders, 4 Section Spring Tooth Harrow, J.D. 30 Ft. Elevator w/Motor, Shenandoah 2 Hole Pig Feeder, 12 ft. Weed Hog, 2 Spike Tooth Harrows, 2 Bottom 12" Trailer Plows, I.H. 40 Manure Spreader, I.H. Wheel Weights, Cultipacker, Int. L 160 Dump Truck, 56 DeSota 4 Dr. Sedan, 8 Ft. Truck Cap, Many Farm Related & Household Items Not Listed.

REAL ESTATE OFFERED AT 1:00 P.M.

Partial #1. 10 Acres more or less upon which is Erected a 7 Room Frame Home w/1½ baths, Full Basement & Attic, Oil Hot Water Baseboard Heat, Town Water & 2 Wells on Property, 2 Septic Systems, Large Barn & Other Out Buildings, Approx. 1000 Ft. of Creek Running through Property (West Creek). Home in Good State of Repairs.

Partial #2. 32 Acres 30 Acres Tillable Border by Twp. Roads.

Terms Personal Property Cash Lunch

Real Estate $5,000.00 Down on Each Property, Balance in 30 Days or Sooner When Deeds will be delivered. Purchaser pays Transfer Taxes. Property Tax Pro-rated. Preview of Real Estate Sunday, Oct. 24 from 2 P.M. to 5 P.M. and Thursday Oct. 28 from 10 to 12 A.M. From 1 to 4 P.M. and Monday Nov. 1 from 1 to 4 P.M.

ESTATE OF HAROLD B. HARTMAN
Executors Thomas R. Hartman
and Buddy R. Hartman
Att. Dale Derr

Auctioneers Gele L. Derr 784-5413
Frank Stackhouse 784-5034

Auction Note: Auction Will Start with Household Goods & Misc. Real Estate at 1:00 Followed by Farm Equipment.

Any Statement of Change in Terms or Conditions at time of Sale will take precedence over any printed Matters.

Public Sales Register

Closing Date - Monday, 5:00 P.M.
of each week's publication

SAT. NOV 13 - 10 A M Public Sale of Real Estate and Household Goods Located from S Market St. at Elizabethtown Borough line, .9 mi on Groff Ave. to auction Box 1A Estate of Esther M. Giberson John T Ensminger, Auctioneer

SAT NOV. 13 - First Time at New Holland Sales Stables, Inc , 12 miles east of Lancaster, Pa. at New Holland, Pa. Southeast District 4-H Beef Show and Sale. Friday, Nov 12th - arrival of 4-H Cattle Grooming and Harrisburg Selections.

SAT. NOV. 13 - Public Sale of Line Equipment and Trucks Located in Wrightstown, PA Vilsmeier Auction Co

TUES NOV 16 - 11 A M Public Sale of 166 acre dairy farm Located between Yellow House and Boyertown, just off Rt 562. Jane R Arnold, Owner Horning Farm Agency, Auctioneers

TUES NOV. 16 - 11 A M Public Sale of Farm Located between Yellow House and Boyertown, just off Rt. 562 Jane R Arnold, Owner Elton and Alvin Horning, Auctioneer

TUES. AND WED NOV 16 and 17 and MON AND TUES. NOV 22 and 23 - 5 30 P.M Public Sale of Groceries, Paper Goods, Notions, Hardware Items, Clothing, Shoes, Boots and Etc Located at 660 East Main St , Rt 25, Hegins, Pa Masser's Store, Owner George and Mike Deibert, Auctioneers

TUES NOV 16 - 5.30 P M Farmersville, Auction in Farmersville, 3 mi East of Brownstown, Lancaster County, Pa John J Rutt and Auctioneer

WED. NOV 17 - 1 P M Public Sale of Real Estate Located 2 mi north of York Springs along business Rt 16 in Latimore Twp , Adams Co., PA Chester B. Worley Estate Clair B Slaybaugh, Auctioneer

WED NOV. 17 - Public Sale of Const. Equipment Located in Yocumtown, PA Vilsmeier Auction Co

THURS NOV 18 Public Sale of Const Equip and Trailers Located in Bound Brook, NJ Vilsmeier Auction Co

ONE COMPLETE MILKING HERD OF REG. & GRADE COWS

OUT OF LEBANON COUNTY

TUESDAY NOV. 2

7:30 P.M. Standard Time

To be held at Smoketown Quality Dairy Sales Co. 5 mi. E. of Lancaster. 5 mi. W. of Intercourse.

This is a Summer and Fall Herd. One grade cow milking 73 lbs. Est. over 15,000 lbs. milk. Herd Avg. 50-55 lbs. milk. Four Reg. cows. Tall sharp cows.

Reg. - 2 yr. old Y-Brook Side Rocket Star - Daughs. - 17,703m 3.7T
DAM - V.G. 85 - Rocky - Side Star Bridget
2 yr. - 21,460M 4.0T 864F.
3 yr. - 24,370M 4.4T 1078F.
Reg. 5 yr. old - F.G. P Elevate Ivan AL V.G. 85 Daughs. 16,311M 3.6 T 589F.
2 yr. 305D 14,455M 3.6T 539F.
3 yr. 305D 19,924M 3.6T 757F.
4 yr. 305D 17,270M 4.1T 698F.
Dam - Diamond - Hill Vieina Yusie P.P.
Reg - 4 yr. old - Friths Margo Pathfinder Magic
2 yr. 14,579M 3.4T 498F.
Dam - V.G. 85 Friths Darey Pathfinder Dyna
2 yr. 305D 17,950M 3.7T 660F.
3 yr. 273D 16,410M 512F.
4 yr. 18,924M 611F.
Gr. Dam - V.G. 87.
3 yr. 305D 18,600M 3.8 703F.
4 yr. 305D 20,180M 3.5T 715F.
Reg. 4 yr. A Jay Spartan Matt Samson - 55 lbs.M.
Dam - A Jay Perfection Corvette Honey
Grades
Two Fancy Red & White Holsteins - Good udders milking
53 & 58 lbs. Both bred and safe with calf to Shayne Roadrunner Red.
Two Brown Swiss cows milking 50 lbs. 3.9T +54 lbs. 3.8T.
Two Reg. Holstein Bulls.
Sire-Round Oak Rag Apple Elevation
Dams - Sire Arlinda Jet Stream.
4 yr. 5M 350D 23,439M. 3.9T 920F. G.P. 84.
Gr Dam - 7 yr. 305D 20,700M 3.4T 711F.
2nd Bull - Sire Yules-Pride Elevation Ace.
Dam - Merry King - 6 yr. 5 m. 365D 21,200M 4.0T 865F.
I.D. Grade - Rocket Daugh. Bred to Kingway. Elevation Very - +869M +30%T. 292D 19,207M
Also Johnny Jr. will have a load of Reg. & Grade cows & heifers out of New England states and Canada.
Seven Outstanding Registered cows picked out of one herd. Avg. Age 4 yr. 8m. and averaging better than 85 lbs. of milk. Sires inlcude:
Reg. Gouvia Donloggin Elite +732m +7F. Daughs. 17,577m. 610F.
Reg. Indianhills Senator Flame - Daughs. 16,077m. 568F.
Reg. Penstate Ivanhoe Star - +1029m. +43F. - Daughs. 16,813m. 628F.
Reg. Amberley Burley Laird
Reg. 5 yr. Eddonhall Ann Adam - Due to Leprechaun Dominant +1916m.
Reg. 3 yr. - Dellfield Standout +1775m. +49F. Daughs. - 19,124m. 3.48% 666F.
Reg. 4 yr. Hichorey Field Cham Andy - +1031m. +17F. Daughs. - 16,396m. 3.52% 577F.
Reg. 2 yr. A & H Apollo Elevation - Due to Hanover Hill Triple Threat Red - +471m. +41F. Daughs. 16,846m. 3.79% 638F.
Reg. 4 yr. Keystone Justice of Peace
Reg. 4 yr. Ver-Lou Golden Constellation - due to Willow Farm Rockman Ivanhoe - 92-11 yr. TPI. +314 G.M. 1/82 +1007m. +35F.
Reg. 5 yr. Jambar Hill Commander
Reg. 5 yr. Ecraso Toppers Golden Repete.
2 Big Strong Fancy Heifers out of a herd that averaged over 19,000 lbs.
One group of Grade cows milking 60 to 90 lbs. of milk per day.
Cows milked at Regular Time.
Cash or good check night of sale.

Sale By
SMOKETOWN QUALITY DAIRY SALES CO.
Gordon & Helen Fritz
717-393-0930
Carl Diller - Paul Snyder Auctioneers
Henry Kettering - Pedigrees
Johnny's Lunch Wagon

SPECIAL SALE

FEEDER CATTLE & CALVES
FRIDAY, NOV. 12th
at 1:30 P.M.
Blue Ridge Livestock Sales, Inc.
Charles Town, W.V. 25414
Phone: 304-725-5021

Auction

115 HEAD OF REG. & GRADE HOLSTEIN DAIRY COWS & HEIFERS
SAT., NOV. 6, 1982
At 11:00 A.M.

Discontinuing farming, I will sell my cattle, located at 7730-A Sunday's Lane, Frederick Co., MD. From Frederick take Rt. 15 North approx. 6 miles, turn left on Sunday's Lane, follow sale signs.

75 COWS & 40 HEIFERS
28 REG. - BALANCE GRADES

COWS — This herd is of high quality & production, with many cows milking between 70 & 80 lbs. and is presently averaging over 52 lbs. 23 cows have freshened in past 30 days; 15 more due betw. now & Jan. 1; bal. are in different stages of lactation.

HEIFERS - 5 bred heifers - 2 due in Jan.; 1 due March; 1 due May; and 1 JERSEY Heifer due in April. Approx. 10 heifers large enough to breed. 21 from 4 to 10 mos. age. 5 less than 1 mo. old. All heifers and most of cows are sired by or carrying service to A.I. bulls, mostly from "Sire Power", such as ELEVATION, JET STREAM, JEMINI, GREEK, JOB, NEW HOPE, LEGACY, TRUMP, and others.

SPECIAL MENTION

A big, tall, strong 4 yr. old daughter of ENGAMER IVANHOE JERRY, just fresh, w/beautiful udder and milking over 90 lbs. Her JET STREAM dau. will also be selling.

A 2 yr. old WHIRLHILL KINGPIN dau. due in Feb. to CHAIRMAN; Beautiful 5 yr. old BROWNDALE SIR CHRISTOPHER due Nov. 8 to CHAIRMAN - could be a candidate for a high-scoring V.G.; 5 yr. old quality ULTIMATE with beau. dry udder due Sale Day; 5 yr. old CITATION SOVEREIGN due in Jan. to IVANHOE BELL: also a 5 yr. old JOB dau. w/lots potential.

There are several other Registered and Grade cows & heifers with a lot of quality.

HEALTH: Cattle will be tested for T.B. & Interstate Shipment within 30 days of sale. All cows have been pregnancy examined.

AUCTIONEER'S NOTE: If you need replacements or base milk, don't miss this sale. For further info., contact Trout Auctioneers, Inc. Catalogs at Ringside. Full line of farm machinery will be selling on February 26, 1983.

GEORGE S. WACHTER, JR.
7730-A Sunday's Lane
Frederick, MD
Lunch Available

Trout Auctioneers, Inc.
15 North Court Street
Frederick, Maryland
301/663-1555
"Experience Doesn't Cost — It Pays"

FALL HEIFER SALE

FRIDAY EVENING, NOV. 5
at 6:30 P.M.
At the Belleville Livestock Market, Belleville, Pa.
250-300 HEAD

Holstein heifers all sizes, open, bred and springing. Some registered and others from good herds.
If you have heifers to consign we need a good health chart, 30 day test preferred.
Restaurant will be open.
BELLEVILLE LIVESTOCK MKT., INC.
717-935-2146

GAP AUCTION

FRIDAY EVE., NOV. 5
5:30 P.M.
Located off Route 41 - Lancaster Avenue Opposite Turkey Hill Minit Market - Cross RR Bridge.

ANTIQUES AND HOUSEHOLD GOODS SOLD AT EVERY AUCTION
CONSIGNMENTS ON MONDAYS FROM 8:00 A.M. to 7:00 P.M.
Call us for pick-up service
IRA STOLTZFUS & SON, Auctioneers
442-4936 or 442-8254
CONDUCTORS ALL TYPES PUBLIC SALES

SHENANDOAH VALLEY LIVESTOCK SALES, INC.

SALES EVERY SATURDAY
1044 EDOM ROAD • POST OFFICE BOX 23
HARRISONBURG, VIRGINIA 22801
Phone (703) 434-4482 or
(Bill Joseph) 350-2481

SPECIAL FALL SALE
WEDNESDAY, NOVEMBER 10
7:30 P.M.
CATTLEMAN'S SPECIAL SALE
All weights
Yearlings, Heavy Feeders, Calves, Stock Bulls, & Stock Cows - All Breeds
REGULAR SALE EVERY SATURDAY - 1:30 p.m.
There will be heavy volume and good selection of calves and feeder cattle this fall, at our regular sales.

SOUTHEAST SHOW WINDOW SALE

At the Berkeley Fairgrounds east of Martinsburg, in Berkeley Co., W. Va. From Martinsburg take Route 9 east approx. 2 miles. Turn north at Opequon Country Club and follow sale signs.
FRIDAY, NOVEMBER 5
10:30 A.M.
80 REGISTERED HOLSTEINS SELL

A select group picked from the five-state Southeast Holstein territory.

Sires include - Elevation, Arlinda Chief, Glendell, Jerry, Bell, Conductor, Mars, Jemini, and other well-known A.I. sires.

6 SELL FROM EX DAMS

Large number of cows and heifers recently fresh or due close to sale.
Cows selling with records to 26,659 of milk.
Dams of those selling have records to 33,060M and 1256F.

SEMEN SELLING

10 units Elevation. 9 units Bootmaker. 6 units Astronaut.

An Opportunity to Select from the Finest Holsteins the Southeast Area has to offer.

Sponsored by the
STATE HOLSTEIN ASSOCIATIONS OF DELAWARE, MARYLAND, NORTH CAROLINA, VIRGINIA and WEST VIRGINIA.
Sale Managed by
Remsburg Sale Service
P.O. Box 177
Jefferson, Maryland 21755
Ph. 301-473-8214

Public Sales Register

Closing Date - Monday, 5:00 P M of each week's publication

THURS NOV 18 10 A M Public Sale of Real Estate, Antiques and Personal Property Located in Intercourse, PA take Rt 772 East, E Newport, to Poplar St, 1 block east of Deitsch Shier and turn right, follow Poplar St to sale at 61 poplar St Emma M Myer, Owner Ira Stoltzfus and son and Jay M. Leary Auctioneers

FRI. NOV 19 6.30 P M Consignment Sale of Cattle and Feeder Pigs Keister's Middleburg Auction Sales, Inc. Rt 522, 3 miles Est of Middleburg, 5 miles West of Selinsgrove, Pa. Don & Walt Keister, Owners Ray Long & Dave Imes Auctioneers

FRI NOV 19 - 5.30 P.M. Gap Auction. Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

FRI. NOV. 19 - Annual Thanksgiving Dairy Cow Sale Located in Landisburg, Perry Co. PA Artk Kling, Owner Glick, Auctioneer

FRI NOV 19 - Public Sale of Line Equipment Located in Astoria, NY. Vilsmeier Auction Co

SAT NOV. 20 - 10 A.M Public Sale of Real Estate and Farm Equipment Located 1 mi south of the Village of Pitman in Eldred Twp., Schuylkill Co., PA 5 mi. north of Hegins, turn east off Rt 125 at Purple Pump Cafe, 11 mi. northwest of I-81, exit 34. Harry H. "Lut" Willier, Jr. and Dave Willier, Owners George and Mike Deibert, Auctioneers

SAT. NOV. 20 - Public Sale of Farm Equipment. Located taking Rt. 501 north from Schaefferstown or south from Myerstown to Country House Restaurant. At Restaurant turn east to 2nd road right after ELCO High School, "Wartluft Rd.", 1 mi to farm on left, Millcreek Twp., Lebanon Co., PA. Carl M. Zimmerman. John E. and Paul E. Martin, Auctioneers

SAT. NOV. 20 - 9 A.M. Late Fall Consignment Auction Sale. Jack Wootton, Auction Manager.

SAT. NOV. 20 - 1 P.M. Public Sale of Hog Finishing-House Equipment and Misc. Items. Located 2 mi. west of U.S. Rt 11 turn right off U S 11 7 mi south of Chambersburg. PA at Crossroads Farm Dairy, onto Kauffman Rd, turn on Guitner Ed and left on Goldsmith Rd. E and left on Goldsmith Rd E. Richard Myers. Lynn Dietrich, Auctioneer

SAT. NOV 20 - 10 A.M. Public Sale of Real Estate, Household Goods, Antiques and Lawn and Garden Tools Located in Lancaster Co, PA, 2 mi west of Gap on Mine Rd., from Rt. 30 go south on Rt 41 to Town Clock, go west over railroad bridge, turn left and follow to sale Fannie E Smoker, owner Steve Petersheim, Auctioneer.

SAT. NOV. 20 - Public Sale of Const Equip. Located in Edison, NJ. Vilsmeier Auction Co.

SAT. NOV. 20 - 8.30 A.M. Public Sale of Farm Equipment. Located in Lowr Paxton Twp., Dauphin Co, PA along Red Top Rd, ½ mi. east of Nye Rd. Glenn T. Knackstedt, Owner. Earl S. Buffenmeyer, Auctioneer

THURS. AND SAT., NOV. 25 and 27 - 9:30 A.M. Public Sale of Real Estate, Tools, Equipment, Coins, Antiques, Collectibles, and Personal Property. Located at 137 W. Main St., Rt. 209, Elizabeth, Dauphin Co., PA. Marie M. Harman, Owner. George and Mike Deibert, Auctioneers.

FRI. NOV. 26 - 5.30 P.M. Gap Auction. Antiques and Household Goods sold at every auction. Located off Rt. 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

FRI NOV. 26 - 7.30 P.M. Public Sale of Cattle. Located at Shady Lane Dairy Sales, Quarryville, Pa. Walter Family Club Calf Sale.

SAT. NOV. 27 - 11 A M Consignment Horse Sale at the Keister's Middleburg Auction Sales, Inc Rt 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa Don & Walt Keister, Owners Ray Long & Dave Imes Auctioneers

SAT NOV 27 - 9 30 A M Public Sale of Real Estate, Antiques and Household Goods Located at 861 Park Hill Dr, 1 block off Rt 72, ½ mi. south of Manheim, Lanc Co, 1 block west of Merkey's Car Lot Minnie Oxenreider Estate Frank and Paul Snyder, Auctioneers

MON NOV. 29 - 11 A.M Public Sale of Cattle Located at LaGrangeville, NY Bower Farm Sale Hanover Hill Sales and Service, Inc.

DECEMBER

SAT. DEC. 4 - 12.30 P.M. Public Sale of Cattle. Located at Livestock Pavilion, Cornell University, Ithaca, NY. Fall Harvest Sale. New York Hereford Assoc. and New York Polled Hereford Assoc.

MON. DEC. 6 - 12 Noon Public Sale of Ayrshire Herd. Located at Narvon, R.D. 2, Robert Campbell, Owner, Milt Brubaker, Sales Manager.

FRI. DEC. 10 - 5:30 P.M. Gap Auction. Antiques and Household Goods sold at every auction. Located off Rt. 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

SAT. DEC. 11 - 1 P.M. Public Sale of Swine. Located at the Auglaize Co. Fairgrounds, Wapakoneta, OH. Larry Leffel. 419-753-2281.

FRI. DEC 17 - 6:30 P.M. Consignment Sale of Cattle and Feeder Pigs Keister's Middleburg Auction Sales, Inc. Rt 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa. Don & Walt Keister, Owners Ray Long & Dave Imes Auctioneers.

MON. DEC. 27 - 9:30 A.M. Consignment Sale. Located at S. Race St., Myerstown, Pa. 17067. Sale held by Wengers Farm Machinery, Inc.

FEBRUARY

FRI FEB. 4 - Public Sale of Farm Equipment at New Holland Sales Stables, Inc., New Holland, Penna.

MARCH

FRI. MAR. 4 - Public Sale of Farm Equipment at New Holland Sales Stables, Inc., New Holland, Penna.

SAT. MARCH 5, 1983 Bart Township 19th Annual Fire Co. Sale.

APRIL

FRI. APRIL 8 - Public Sale of Farm Equipment at New Holland Sales Stables, Inc. New Holland, Penna.

SAT. APR. 23 - 17th Colonial Charolais Spring Sale Located at the fairgrounds, Frederick, MD. Sponsored by the Colonial Charolais Assoc. Managed by Buzz Garey, Cattle Sales, Inc., 100 Walnut Lane, Morrisville, PA 19067.

NOTICE

To assure that your Public Sale appears in the Public Sale Section we must have your advertisement by 4 P.M. Tuesday of each week's publication.

DEALER IN ALL KINDS OF LIVESTOCK
Also Crippled & Down Cattle

MARLIN S. IRWIN
Quarryville, PA
PH: 717-786-3016

SALE EVERY TUESDAY
Graded Sale
1st Tuesday each month
2 P.M.
Horse Auction
2nd Saturday each month
1 P.M.

FAUQUIER LIVESTOCK EXCHANGE
Marshall, Va.
703-364-1566

PUBLIC SALE
OF 3 PARCELS OF REAL ESTATE
SATURDAY, NOVEMBER 13, 1982
At 11:00 A.M.

Located East of Bethel along old Rt. 22, Bethel Township, Berks Co., Pa.

PARCEL #1: Known as Lot 25. Frame bank barn, frame corn & equip. shed on 19 acres of land. Terrain level to gentle slope. Access by private road.

PARCEL #2: Known as lot 26. 10 acres of open land on west side of Airport Rd. Terrain level to gentle slope. Road frontage along Airport Rd.

PARCEL #3: Known as lot 27. 9.5 acres of open land on east side of Airport Rd. Well & septic system. Terrain level to gentle slope.

ZONING: R - Rural District; IC - Industrial-Commercial District.

TERMS: 10% down day of sale, settlement by December 31, 1982. Inspection anytime. For appointment call HORNING FARM AGENCY, INC. @ 215-286-5183.

Terms by:
JAMES R. & HELEN K. HESS
Schlippert & Schlippert Attorneys
Elton & Alvin Horning, Auctioneers
HORNING FARM AGENCY, INC.
Main St., Morgantown, Pa. 19543

CONSIGNMENT AUCTION
SATURDAY, NOVEMBER 6, 1982
At 10:30 A.M.

At Visscher Farm Rt. 282 1½ miles South of Nichols, N.Y. 18 miles North of Towanda, Pa.

We are expecting our usual run of 25-30 farm tractors, plus farm machinery and trucks.
Call or write for a more specific listing.

Sales Managers & Auctioneers

Howard W. Visscher	**Ed Goodrich, Jr.**
Nichols, N.Y.	**Newark Valley, N.J.**
607-699-7250	**607-642-8688**

FRIDAY COW SALE
MELVIN KOLB, INC.
IT'S TIME TO BUY QUALITY HOLSTEINS
FRIDAY, NOVEMBER 5th
11:00 A.M.

LOCATION: West of Lancaster on Dairy Road. Take Route 283 west of Lancaster, exit beyond ABC Stud Barns at Flory Mill Road, turn left after exiting, go to Mill, then sharp right under railroad bridge. Barn within sight of Route 283.

150 HEAD — **COWS & HEIFERS** — **150 HEAD**

50 Purebreds, first, second & third calf cows; some real fancy with very good classifications, records & pedigrees
50 real top first calf heifers, some milking between 50 to 60 lbs. per day
50 big heavy milking Grade cows that will suit the most particular buyer

SPECIAL MENTION

A four yr. old LONG-HAVEN IMPERIAL KNIGHT dau. GP-82, bred 2/13/82 to CHAIRMAN, as 3-08 352d 2x 21122M 4.01 845F, her dam GP-82 TIDY GENT dau. as 4-03 305d 2x 16,430M 4.1 667F; a three yr. old WILLOW dau., bred 1/27/82 to CHAIRMAN, as 2-01 290d 2x 11,197M 4.01 443F, her dam GP-83 ELEVATION dau. as 4y 301d 2x 19402M 4.1 795F, next dam VG-85 as 5-11 305d 2x 15,510M 4.5 703F. These two animals are over 4% in their pedigrees. Also, a real nice 1st calf HANOVER-HILL TRIPLE THREAT-RED dau. springing, for which we will have full pedigree on day of sale.

FREE LUNCH FOR ALL DAIRY FARMERS

FREE TRANSPORTATION FOR LANCASTER COUNTY AMISH---Please call 569-2106 or 569-6800 for a ride to the Sale.

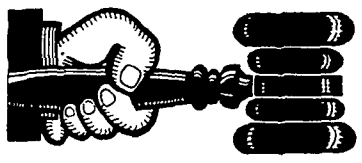
This is an excellent group of cows & heifers. If you need good cows, please don't miss this Sale.

MELVIN KOLB ..... SALE MANAGER
ROBERT C. MULLENDORE ..... AUCTIONEER
HENRY KETTERING ..... PEDIGREES
MARVIN ESHELMAN ..... CLERK

PA FARM: Dennis Kolb, Manager
(717 569-6800, 569-2106

MD FARM: Thomas Miller, Manager
(301) 898-7720

PLEASE NOTE CHANGE OF DAY AND TIME
FRIDAY, NOVEMBER 5th at 11:00 A.M.



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AUCTIONEER REALTOR	AUCTIONEER
717 733 1006	717 786 3394
717 569 8701	

YOU ARE INVITED . . .

TUESDAY, NOVEMBER 9th

DAIRY MANAGEMENT MEETING

10:00 a.m. - 3 p.m.
Refreshments 9:30 a.m., Lunch at 12:00 noon

AGENDA

- **BREEDING** -The Dairyman's Number One Challenge
- **MINERAL FORTIFICATION** - Fact or Fiction
- **HIGH ENERGY CONCENTRATE PROGRAMS**
- **TOTAL MIX RATIONS**

FEATURE SPEAKER

DR. LARRY PREWITT

Manager of Purina Dairy Research

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CALL YOUR PURINA DEALER

Courtesy of the Ralston Purina Company and your local Purina Dealer

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PHONE 717 866 2324
23 N PARK ST RICHLAND PA 17087

UMBERGER'S MILL
PHONE 717 867-5161
FONTANA PA 17042

KEYSTONE MILLS
John B. Kurtz
PHONE 717-354 4616 717 738 1088
RD3, EPHRATA PA 17522

W. L. MUMMERT CO.
PHONE 717-637-6923
6 PINE ST
HANOVER, PA 17331

WEST WILLOW FARMERS ASSN., INC.
PHONE 717 464-3386
WEST WILLOW PA 17583

SOUTHERN DIVISION
West Willow Farmers Assoc., Inc
PHONE 717-529-2113
RTE 472 AT UNION, PA
RD 1, OXFORD, PA 19363

M. G. HENNINGER & SON, INC.
PHONE 717-362 3333
BERRYSBURG, PA 17005

J. P. ANIMAL SUPPLY
PHONE 301-658-5795
2497 TOME HWY.
RISING SUN, MD 21911

Anthony's Feed Mill
PHONE 215-488-6211
STRAUSSTOWN, PA 19559